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Vol. IX

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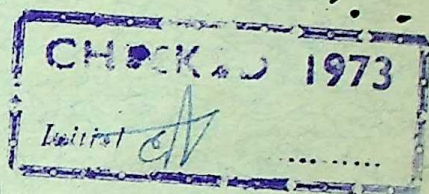
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YEAR-BOOK
OF THE
ROYAL ASIATIC SOCIETY OF BENGAL
FOR 1942

[Vol. IX, 1943]



CALCUTTA

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ROYAL ASIATIC SOCIETY OF BENGAL
ELECTED AT THE ANNUAL MEETING, 1943

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Sir John Lort-Williams, Kt., K.C.

Dr. Meghnad Saha, D.Sc., F.R.S., F.N.I., F.R.A.S.B.

Dr. S. C. Law, M.A., B.L., Ph.D., F.Z.S., M.B.O.U., F.N.I.

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Dr. M. Ishaque, M.A., B.Sc., Ph.D.

ROYAL ASIATIC SOCIETY OF BENGAL

PRIVILEGES OF ORDINARY MEMBERS

- (a) To be present and vote at all General Meetings, which are held on the first Monday in each month except in September and October.
- (b) To propose and second candidates for Ordinary Membership.
- (c) To introduce visitors at the Ordinary General Meetings and to the grounds and public rooms of the Society during the hours they are open to members.
- (d) To have personal access to the Library and other public rooms of the Society, and to examine its collections.
- (e) To take out books, plates, and manuscripts from the Library.
- (f) To receive *gratis* copies of the *Journal*, *Year-Book* and *Memoirs* of the Society.
- (g) To fill any office in the Society on being duly elected thereto.

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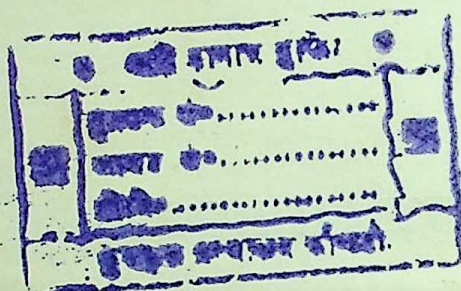
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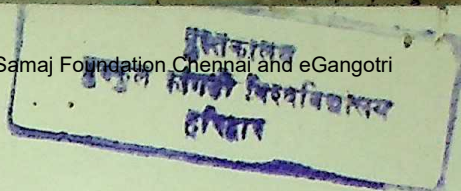


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PROCEEDINGS OF THE ANNUAL MEETING, 1943

FEBRUARY

The Annual Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 1st February, 1943, at 5 P.M.

PRESENT

- DR. C. S. FOX, D.Sc., M.I.M.E., F.G.S., F.N.I., F.R.A.S.B.,
President (in the Chair).

Members :

Agharkar, Dr. S. P.	Ghuznavi, Sir A. H.
Akbar, Mr. M.	Griffiths, Dr. W. G.
Alimuddin, Mr. M. S.	Guha, Dr. B. S.
Asadullah, Khan Bahadur K. M.	Gupta, Mr. P. C.
Auden, Mr. J. B.	Haq, Khan Sahib M. M.
Bagchi, Dr. K. N.	Hondrie, Major J. H.
Banerjee, Mr. S.	Hora, Dr. S. L.
Banerjee, Dr. J. N.	Ishaque, Dr. M.
Bastin, Mr. R. W.	Law, Dr. B. C.
Bhandarkar, Dr. D. R.	Law, Dr. S. C.
Biswas, Dr. K. P.	Lort-Williams, Sir John
Bose, Mr. M. M.	Majumdar, Dr. R. C.
Brown, Mr. Percy	Meyer, Miss S.
Chatterjee, Mr. B. C.	Mitter, Rai Bahadur K. N.
Chatterjee, Mr. K. N.	Mookerjee, Mr. R. P.
Chatterjee, Dr. M. M.	Mookerjee, Dr. S. P.
Chatterjee, Mr. N. C.	Mukherjee, Dr. J. N.
Chatterjee, Mr. P. P.	Mukherjee, Mr. P. K.
Chatterjee, Mrs. T.	Nag, Dr. Kalidas
Chatterji, Dr. S. K.	Neogi, Dr. P.
Dhiman, Mr. M. C.	Rahman, Sh. K.
Edgley, The Hon'ble Mr. Justice	Ray-Chaudhuri, Dr. H. C.
N. G. A.	Roy, Dr. B. C.
Fawcus, Mr. L. R.	Sarkar, Sir Jadunath
Gangoly, Mr. O. C.	Siddiqi, Dr. M. Z.
Ghatak, Mr. J. C.	Sircar, Mr. Ganapati
Ghose, Mr. R. C.	Waight, Mr. H. G.
Ghosh, Dr. P. K.	West, Mr. W. D.
Ghosh, Dr. P. N.	and others.

Visitors :

Ahmad, Mr. S.	Das-Gupta, Mr. S.
Bardhan, Major P.	Donmithouse, Miss A. G.
Biswas, Mr. J. K.	Edgley, Mrs.
Biswas, Mr. P. C.	Ghosh, Mr. P. K.
Chakravarti, Dr. A.	Habibullah, Dr. A. B. M.
Chatterjee, Mr. B. K.	Heywood, Major-General T. J. S.
Chatterjee, Mr. S. R.	Imam, Dr. A.
Chaudhuri, Dr. J. B.	Jugantar (Reporter).

Maitra, Dr. D. N.
 Mukherjee, Mr. S. K.
 Nag, Mr. R. C.
 Nair, Mr. K. Krishnan
 Narayanaswami, Mr. V.
 Nityaswarupananda, Swami
 Pal-Chaudhuri, Mrs. A.
 Rahman, Mr. B.
 Ray, Dr. A. N.
 Ray, Mr. B. N.
 Ray, Mr. I. R.
 Ray, Dr. N.
 Ray-Chaudhuri, Mr. G. C.
 Rudra, Mr. S. N.

Sadeque, Dr. R.
 Sadeque, Mrs. S.
 Samadar, Mr. M. N.
 Samadar, Mrs. S.
 Saraswati, Mr. S. K.
 Sarttar, Mr. S. S.
 Sen, Dr. A. C.
 Sen, Mr. K. B.
 Sen, Mr. N. C.
 Sen, Mrs. P.
 Sen-Gupta, Mr. R. G.
 Spencer, Mr. E. S.
 Tyson, Mr. G. W.
 and others.

In declaring the Annual Meeting open, the President for 1942 ordered the distribution of voting papers for the election of Officers and Members of Council for 1943, as well as the voting papers for the election of Ordinary Fellows proposed by the Council to all the Ordinary Members present, and appointed Dr. B. S. Guha and Dr. S. P. Agharkar to be the scrutineers. He then called upon the General Secretary to present the Annual Report for 1942.

The Annual Report was presented (vide page 18).

The retiring President then addressed the meeting (vide page 10) after which he called upon the scrutineers to report and announced the result of the Council election (vide page 17).

After this announcement the retiring President gave place to the President for 1943, who thanked the Society, as follows:—

‘MEMBERS OF THE SOCIETY, LADIES AND GENTLEMEN,

I thank you sincerely for the honour you have done me by electing me as President of this great Society. For more reasons than one I value this honour deeply. Let me assure you, so long as I hold this office, it will be my endeavour to maintain with your co-operation the highest traditions of the Chair. The Society occupies a unique place in the chequered history of development of Indian research and scholarship. While it has served to inspire many a worker to further studies in diverse fields of knowledge, it has helped to bring together the best elements of the East and the West and to promote goodwill and understanding between them. In course of the coming year we shall complete 160 years of our existence. While we shall take stock of our achievement, we shall also have to consider in the light of existing conditions how best we can increase the usefulness and vitality of the Society and further the aims of the great Founder who was actuated by no other desire than the service of humanity through the path of knowledge. I confidently ask not only for the support of the members of the Society but of the enlightened public outside in the task of reconstruction that lies ahead of us.

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On behalf of you all, let me thank the retiring President for his services to the Society.'

The President for 1943, then made the following announcements:—

'I have now the great pleasure to announce that, having received the report of the scrutineers, I declare the following ordinary members,

Mr. A. F. M. Abdul Ali, and
Sir J. C. Ghosh, Kt.

duly elected as Ordinary Fellows of the Royal Asiatic Society of Bengal.

I have now to make the following announcements concerning the awards of the Elliott Prize for Scientific Research for 1941 and 1942.

The prize for 1941 was for Chemistry for which papers from two candidates had been received in 1941 in competition for the prize, but announcement as to whom the award was given could not be made at the last Annual Meeting because the Trustees of the Prize had not received the report of the referee in due time. So announcement concerning it is being made this year.

The Trustees of the Prize have judged the papers of one candidate deserving of the award and have accordingly been given to Dr. M. C. Nath, D.Sc., Lecturer in Physiological Chemistry of the Dacca University for meritorious contributions to the subject of Chemistry.'

The President then called upon Dr. Nath to receive the prize, in the following words:—

'Dr. Nath, I have great pleasure in handing over this prize to you and I congratulate you most heartily on your success in winning it.'

The President continued to say—

'The Elliott Prize for 1942 was for Physics for which papers from one candidate only had been received in competition for the prize. The Trustees have reported that his papers were not of sufficient merit as to award the prize.

The prize for 1943 will be for "Geology and Biology (including Pathology and Physiology)" concerning which notifications will be published in the *Calcutta, Bihar and Orissa Gazettes*.

My next announcement is regarding the Annandale Memorial Medal. This medal is awarded every three years for conspicuously important contributions to the study of Anthropology in Asia.

This year the medal is awarded to Dr. Birajasanker Guha, M.A., Ph.D., F.N.I., Anthropologist of the Zoological Survey of

India, for his long sustained labours in the field of Anthropological Research, and one time General Secretary of the Society.'

The President called upon Dr. Guha and addressed him as follows:—

'Dr. Guha, I have great pleasure in bestowing upon you, on behalf of the Royal Asiatic Society of Bengal, the Annandale Memorial Medal for the year 1942. Kindly accept it with the Society's and my hearty congratulations. I thank you very much for coming over from Benares to receive the medal personally this evening.'

'My next announcement is regarding the Paul Johannes Brühl Memorial Medal. This medal was instituted in 1931 to be bestowed on a person who, in the opinion of the Brühl Medal Board, has made most meritorious piece of original research in any branch of Botany with reference to the Indian Empire. It was due to be awarded last year. As announced at the last Annual Meeting, the Rules governing the award were amended in accordance with the terms of the Trust in 1942, and the award is now being made in accordance with the amended Rules this year.

The Paul Johannes Brühl Memorial Medal for the year 1941 has been awarded to Rao Bahadur G. N. Rangaswami Ayyangar, F.N.I., Geneticist and Millets specialist, and retired Principal, Agricultural College and Research Institute, Coimbatore, S. India, in recognition of the work done by him on the genetics of the millets of India.'

The President then called upon Dr. S. P. Agharkar, M.A., Ph.D., F.N.I., Ghose Professor of Botany, Calcutta University, to receive the medal on behalf of the recipient and addressed him as follows:—

'Dr. Agharkar, I have great pleasure in handing over to you, on behalf of the Royal Asiatic Society of Bengal, the Paul Johannes Brühl Memorial Medal for the year 1941, and request you to transmit it to Rao Bahadur G. N. Rangaswami Ayyangar with the Society's and my hearty congratulations. I thank you very much for your courtesy in receiving the medal on his behalf.'

In conclusion, the President for 1943 announced that the Annual Meeting had been dissolved and requested all to remain on their seats to witness a Cinematograph performance featuring Northern Afghanistan, Darjeeling, etc., by Mr. W. D. West of the Geological Survey of India. He further announced that at its conclusion an Ordinary Monthly Meeting of the Society would be held for the election of Ordinary Members and the transaction of the routine business for which he invited the members to be present.

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The Cinematograph performance was then held and was appreciated by the audience. The General Secretary proposed a vote of thanks to Mr. West on behalf of the Society stating that Dr. H. H. Wilson who served the Society in several capacities from 1811-1833 was the first to unfold the archaeological treasures of Afghanistan in his 'Ariana Antiqua'.

ANNUAL ADDRESS, 1942-43

LADIES AND GENTLEMEN,

It has been the custom for your President to address you, after his year of office, at the Annual General Meeting. I have had the honour of being your President during the year 1942, and you will agree with me that 1942 has been a year of great events. We have watched the shadow of War spread over southern Asia and creep across Burma to stand at the border of India. Even this city of Calcutta has had some scratches, from the few bombs which have been unloaded on us during moonlight raids by Japanese bombers within the last few weeks. Compared with the affairs taking place in Soviet Russia, or North Africa, or the Western Pacific, or China, or even in India, our own activities must appear insignificant. However, I am confident that the part we play can be useful and may thus be of some value.

2. We remember to-day that the Society was founded and named 'The Asiatick Society' by Sir William Jones in 1784. He had landed in Calcutta in October 1783 after a voyage of six months. The objects of the Society were described by the founder in the following language: 'The bounds of its investigations will be the geographical limits of Asia, and within these limits its enquiries will be extended to whatever is performed by Man, or produced by Nature.' To many of us the original name seems finer and bigger than the one now used, and it seems a great pity that anyone could alter the name of the Society from that it first carried. When I hand over my proud place to my successor the Society will have entered on its 159th year, and I hope you will celebrate its 160th Anniversary in a victorious peace.

3. My predecessor, Sir John Lort-Williams, in his earlier address to you in 1940-41, was distinctly pessimistic as to the Society's constitution, and he believed he had found evidence of lukewarmness—the most dangerous of all human complaints—in our midst. He was of the opinion that this form of rot was due to the specialisation which has become evident in all kinds of scientific work. It is certainly true that the contributions by some specialists are not easily understood by those who have become specialists in some other branch of science. And while the papers submitted by these specialists may be of great value to their respective colleagues, they are often unintelligible and therefore of little interest to lawyers and merchants and other educated people.

4. In his next address in 1941-42, last year, my predecessor was able, largely as a result of his own efforts, to report a little

more favourably. I agree with him that re-organisation is not sufficient to put life into anything lukewarm. However, during 1942, whether we desired it or not, the Society was obliged to take measures for the safety of many valuable books and manuscripts and pictures. Also, since I assumed office, we have had three successive General Secretaries, omitting the interim periods when I acted in this capacity. First Dr. B. S. Guha resigned, when his office was transferred with the Zoological Survey collections to Benares. Next Dr. S. L. Hora was obliged to relinquish these duties, because his charge of the Fisheries Department of Bengal required all his time.

5. We have now been fortunate in securing Dr. Kalidas Nag for our General Secretary, and I hope he will be able to continue. I would also like to mention how much I have appreciated the assistance and guidance of my colleagues on the Council. Our monthly and other meetings, even during the hot weather in 1942, were well attended. Our clerical and subordinate staff have been most useful—from our able Superintendent, Mr. P. O. Matthai, to the very loyal office servants. I have to refer to the remarkable flight of some of the servants after the air raids at Christmas time (1942). It is difficult to understand why that class of servant deserted from almost every place where they had been employed, in many cases for several years, in Calcutta.

6. There is no doubt that the high prices of food and clothing have put our clerical staff and servants to considerable inconvenience, but your Council has given careful thought to these matters and by a 'dearness allowance', and in other ways, hope to solve these difficulties. Another problem has been the paper shortage. It has had to be faced and the greatest economy has been observed consistent with the necessity of maintaining contact with our Members and Fellows. We have been able to complete journals, which had been long in arrears, and thus bring the published journals up to date. In so doing we have reaped some financial benefit as well as released large quantities of type. The *Bibliotheca Indica* was issued, and it is hoped that the catalogues of Arabic and Sanskrit manuscripts will be published during the ensuing year.

7. A feature of the Society's activities in 1942 has been the Discussion meetings, which are held fortnightly, and are intended to attract visitors—members of His Majesty's Forces, soldiers from the United States, Canada, China, and other foreign countries—who happen to be in Calcutta and are interested in questions of Indian geography, history, literature, customs, architecture, paintings, etc. Discussions at meetings were one of the chief reasons for the growth of the Society in its earlier days, and there is no doubt that most people enjoy popular discussions. It is necessary to keep the meetings popular even for highly educated people. However, a key to satisfactory

discussions is that there must be time and leisure to prepare attractive subjects and questions for discussion.

8. At the present time when so few of us have any leisure and most of us are thronged with duties, there seems to be need for some opportunity to discuss matters relating to the realm of Nature or any inspiring work performed by Man. It has never been within the activities of the Society to take part in politics or in religious disputes. The chief purpose of our discussions is in providing accurate information, and this can only be given in a manner which is intelligible to all our members. It is for this reason largely that contributions by specialists should relate to subjects of interest and be understood by most educated people. The Society should be a meeting place and a clearing house and not the particular home of any specialisation branch of science or art.

9. The Discussion meetings which have been arranged by a Committee are thus an endeavour to go back to a custom which provided much intellectual pleasure to educated people who had the leisure to come here or contribute to our publications. We have been encouraged in our efforts, as a wartime measure, by our Patron, H.E. Sir John Herbert, Governor of Bengal. His Excellency sent me Rs.2,000 from his War Purposes Fund to meet capital expenses for additional furniture—tables, crockery and a loud-speaker apparatus. Teas are provided at these meetings at a charge of eight annas a head and this enables military officers and other visitors who are interested to bring friends and take part in the discussions in the capacity of members *pro tem.*, and perhaps more permanently later.

10. I would mention that this historic building has become a meeting place for special meetings of other institutions such as the Mining, Geological and Metallurgical Institute, and actually houses the National Institute of Sciences of India. The former Institute, as its title shows, is a specialists' society who publish their technical papers in their own *Transactions*. The latter Institute, which was originally to be called the Academy of Sciences in India, has many sections, so that the various branches of science have their own lines of specialisation provided for and at the same time have a common meeting place to explain their discoveries, without too much scientific jargon, at our discussions if they wish. The Indian Science Congress Association developed in this way as a permanent organisation.

11. You may feel that I have dwelt unduly on this aspect of the Society's activities, but you must remember that it is our very life that is at stake. I have shown that there are specialist societies or institutions where specialists may discuss their most valuable discoveries in their own technical language. There is, however, a need for a central society where we may meet and, without any loss of dignity or diminution in the quality of our researches, still explain or describe the work of Nature or

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performances by Man, in words which are intelligible to educated people, and interest them. The value of a discovery may often be unknown, if it is not disclosed in a fashion that cannot only be understood but also appreciated, especially by those who possess the machinery for making it useful.

12. The growth or, shall I say, spread of lukewarmness may come from many sources and I am interested in it from the point of view of a geologist. The name 'Geology' was introduced into scientific literature in about 1779, a few years before 'The Asiatick Society' was founded. I believe the word 'Geology' was coined in 1777, or 1778, after the date that workable coal was reported to occur in the Raniganj area of Bengal. Of course, minerals and ores and metals had been worked for or prepared in India and elsewhere for centuries. Gold mines were worked in India in the times of King Solomon and iron was prepared in this country in very remote times as far back as the dawn of civilisation, and this must go back almost to the Garden of Eden, when work became necessary.

13. The use of maps is also a very early innovation, and the value of a map, having rock and mineral deposits marked on it, was appreciated as far back as 1685. Thus the search for ores and minerals and the employment of mineral maps go back to a period long before the introduction of the word 'Geology'. However, the oldest Geological Survey, that of Great Britain, claims its initiation from the date 1835, when Sir Henry de la Beche was made 'Geological Colourer of Ordnance Maps' in England. It has been from this source that some geologists have obtained the idea that the objective of a Geological Survey is to prepare a geological map of the country. Such a map would show by colours and symbols the distribution of rock formations and the occurrence of mineral deposits.

14. It is true that the preparation of a geological map by field work is as important as the making of plans and sections by a civil or mechanical engineer, but there still remains the practical development or erection to be carried out if the surveys were made with any seriousness. The Geological Survey of India was definitely begun in 1846 to give assistance to the coal mining industry of that day, and had, as its immediate result, the recognition of the Raniganj coalfield as a Great Coalfield and planned its exploitation. For the next 40 years, until about 1886, the Geological Survey of India had as its main objective the development of the mineral resources of this country. Already in 1868 this Department was provided with mining specialists for conducting boring operations and opening mines in the Wardha Valley.

15. Further mining and metallurgical specialists were included in the Geological Survey of India up to 1902 when they were suddenly made the nucleus of what is now the Mines Department. This procedure would have been of far greater

value had this Mines Department been established to open up mineral deposits and generally show the way for the development of the mineral resources of India. Instead of this, it has been employed for administering the mining rules and regulations, largely for the purpose of ensuring safety in working coal mines. The Geological Survey was at the same time deprived of the very men who were needed for conducting prospecting and development operations on mineral deposits.

16. In spite of the fact that Sir Thomas Holland, in a Presidential Address to the Mining and Geological Institute of India in 1907, made it quite clear that mineral development was the chief objective of the official geologist in India, and indeed his duty, this Department was obliged to concentrate on the preparation of the geological map of India. Whether this was due to lack of personnel or the belief that India was not well endowed with economic minerals is hard to say. The fact remains that mineral development was left largely to private enterprise and concentrated on rich occurrences of ores and minerals whose exploitation for export or other use required little risk and practically no capital. There seemed to be some misunderstanding.

17. With the re-organisation that followed the Great War of 1914-18, the Geological Survey was able to secure more technical staff, but it seems that by then the Government of India had also come to believe that it was a scientific department chiefly concerned with the preparation of geological maps. Consequently, when the necessity for retrenchment arose in 1932, this Department was included, but being small, was not as roughly handled as it might have been. India had therefore never possessed organisations like the Bureau of Mines in the United States or Canada, whose essential duties are mineral research to show the way for mineral development. It was, however, left to the Government of Soviet Russia to demonstrate the use of its Geological Survey.

18. Previous to the establishment of the Soviet Government, Russia had maintained a Geological Survey on the same lines as that in India, and like the Geological Survey of India, the Russian organisation had collected, by field observations by skilled geologists, a vast amount of valuable information. All this data, together with museum specimens, and some trained personnel, were available when the Soviet Government began its drive for mineral development for the industrialisation which it had planned. In spite of every kind of criticism by foreign experts and in the face of many difficulties in their way to development, the drive was maintained. There was in 1937, when I visited Russia, a boom in geological personnel, and the numbers employed then were said to be upwards of 10,000 geologists, who, needless to say, had to prove their practical value in a thoroughly satisfactory way.

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19. It is my opinion that the names 'geology' and 'geological' are liable to give an erroneous idea of the actual duties to be performed by those engaged in this sphere of investigation. To many, including some geologists themselves, the idea seems to be that their work is entirely a distinct scientific business which may or may not be of practical value to the country that provides for them. As I hinted, Soviet Russia was no place for uncertain workers or dreamers, although the Government did insist on rest days and parks and rooms for rest and culture in every city and in every works. We have seen the miracle of the Soviet Union performed before our very eyes in the grandest way possible and under conditions which are simply those of a struggle against something worse than death.

20. Here in India the Government has recognised the possibilities of its Geological Survey and has provided for its utilisation, but I am not quite sure if the Government is fully convinced that any considerable outlay for mineral development will have a resounding benefit, either by direct return in revenue or from a general improvement of the country. It is quite correct to be prudent, especially in a case where risk must be admitted in so great a project as the type I have indicated, but Government have approved in principle and already sanctioned the establishment of an Utilisation Branch of the Geological Survey of India for mineral exploration. This is, however, a beginning and the creation of a research organisation on the lines of the Canadian Bureau of Mines has still to come.

21. In the case of Russia the Soviet Government planned on an immense scale with the idea to provide work for all and utilise to the fullest the mineral and other resources in its Union of Socialistic Republics. It was claimed during my visit to the Urals region in 1937 that geologists were needed everywhere. Geologists were engaged in various operations—routine surveys, special prospecting, detailed investigations in mines for coal, salt and other minerals and ores, problems of water-supply and engineering, questions of soil erosion and fertility, research laboratories and for training. In India we have a fewer number of geologists for these purposes than is the case in Great Britain where the Geological Survey does not need any personnel for matters relating to mineral research, prospecting or the training of students and has little to do with the opening of mines.

22. As a result of the 97 years' work carried out by officers of the Geological Survey in India it has been found that an average of 500 square miles can be accurately surveyed each year, and that the average service in the field is about 10 years per geologist. Roughly 100 geologists in all have been so employed since 1846 so that theoretically only about 500,000 square miles could have been examined in any detail in the time, and there remains over a million square miles still to scrutinise. We have,

of course, covered the whole peninsula and much of the borderlands, but this work cannot be regarded as detailed except in places like the Jharia and Raniganj coalfields and certain other areas of economic or technical importance. There is a great deal to do and the personnel and equipment required must be on lines similar to those adopted in Soviet Russia.

23. That there is every hope for a profitable return for State expenditure, on mineral development, may be seen from the progress already made since the Mines Department was created to ensure safety in mines, which were developed largely by private enterprise. About 1902 the total value of the annual production of minerals, ores, etc. in India was estimated at roughly Rs.500 lakhs, while in 1940 the figure is computed at nearly Rs.4,000 lakhs, or eight times more. Another factor for consideration is that the imports into India are such that approximately half the goods are made from minerals, ores and related substances, and, that a great proportion of such materials could be obtained in this country. What is lacking chiefly is the fabricating machinery, cheap electric power and, to some degree, skilled operators for manipulation and manufacture.

24. It may seem that I have wandered somewhat from the Royal Asiatic Society of Bengal, but I have really only sketched in, very roughly, a great background of industrialisation for the utilisation of those materials I have been an agent for to the Government of India. The Society stands as a peaceful meeting place for those who study the arts of man's civilisation and who investigate the realm of nature by observation and scientific research. Most of us have come to realise how misunderstandings may grow, by neglect by lukewarmness, to problems of economic importance, and even become the affair of nations, and end in the senselessness of brutal war. We must know the value of commonsense and the need for some rest and leisure. What better way can there be than for us to meet here occasionally and regularly, and discuss the matters that interest us, and thus, by fair criticism, learn to keep that civilisation which we have been in peril of having taken away from us.

CYRIL S. FOX.

OFFICERS AND MEMBERS OF COUNCIL.

ROYAL ASIATIC SOCIETY OF BENGAL, 1943.

*Elected and announced in the Annual Meeting,
1st February, 1943.*

President.

Dr. Syamaprasad Mookerjee, M.A., B.L., D.Litt., Barrister-at-Law.

Vice-Presidents.

Dr. C. S. Fox, D.Sc., M.I.Min.E., F.G.S., F.N.I., F.R.A.S.B.

Sir John Lort-Williams, Kt., K.C.

Dr. Meghnad Saha, D.Sc., F.R.S., F.N.I., F.R.A.S.B.

Dr. S. C. Law, M.A., B.L., Ph.D., F.Z.S., M.B.O.U., F.N.I.

Secretaries and Treasurer.

General Secretary :—Dr. Kalidas Nag, M.A., D.Litt.

Treasurer :—C. W. Gurner, Esq., C.S.I., I.C.S.

Philological Secretary :—Dr. Nalinaksha Dutt, M.A., Ph.D., D.Litt.

Joint Philological Secretary :—Dr. M. Z. Siddiqi, M.A., Ph.D.

Natural History Secretaries { Biology :—Dr. S. P. Agharkar, M.A., Ph.D., F.N.I.

{ Physical Science :—Dr. K. N. Bagchi, B.Sc., M.B., F.I.C., D.T.M., F.N.I.

Anthropological Secretary :—Dr. W. G. Griffiths, M.A., B.D., B.Sc., Ph.D.

Historical and Archæological Secretary :—Dr. R. C. Majumdar, M.A., Ph.D., F.R.A.S.B.

Medical Secretary :—Dr. J. B. Grant, M.D., M.P.H., F.A.P.H.A.

Library Secretary :—Dr. Sunder Lal Hora, D.Sc., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B.

Other Members of Council.

The Hon'ble Mr. Justice N. G. A. Edgley, M.A., I.C.S., J.P., Barrister-at-Law.

L. R. Fawcett, Esq., C.I.E., I.C.S.

Percy Brown, Esq., M.B.E., A.R.C.A., F.R.A.S.B.

Dr. B. C. Law, M.A., B.L., Ph.D., F.R.Hist.S., F.R.A.S.B.

Dr. M. Ishaque, M.A., B.Sc., Ph.D.

ANNUAL REPORT FOR 1942.

The Council of the Royal Asiatic Society of Bengal has the honour to submit the following report on the state of the Society's affairs during the year ending the 31st December, 1942.

Ordinary Members.

Gains and Losses.—These were as follows:—

<i>Gains.</i>		<i>Losses.</i>	
Elections carried forward	.. 5	Lapses of election	.. 4
New elections	.. 27	Elections carried over	.. 6
		Deaths	.. 7
		Resignations	.. 11
		Rule 38	.. 9
		Withdrawals of applications	2
TOTAL	.. 32	TOTAL	.. 39

Initial total 382; net loss 7, final total 375.

Life Members.—The number of our Life Members at the end of the year stands the same as that of last year, viz. 58. One was lost by death; one member compounded during the year.

Deaths.—Members lost to us:—

G. P. Tate (1893).	Hirendra Nath Datta (1926).
Maharaja Sir P. C. Tagore (1898).	Sir Manmatha Nath Mukherjee (1928).
D. N. Gooptu (1921).	Sir Nalini Ranjan Chatterjee (1928).
Rai Bahadur R. Chanda (1922).	

Associate Members.

The present number is 6, the statutory maximum is 15.

Ordinary Fellows.

On the date prescribed by the Regulation for the issue of voting papers for the election of Ordinary Fellows, there was one vacancy on the roll of Fellows, and two candidates were proposed for election; but on scrutiny of the voting papers, it was found that neither of the two candidates had received the required number of votes hence no election of new Fellows was made.

We lost through death—Rai Bahadur Ramaprasad Chanda.

At the end of the year the number was 47; the statutory maximum is 50.

Honorary Fellows.

Died—Sir Joseph Larmor, Kt., M.A., D.Sc., LL.D., D.C.L., F.R.S., F.R.A.S. (1920).

The number at the end of the year was 17, the statutory maximum is 30.

Special Anniversary Honorary Members.

There remain only 9 Special Anniversary Members on the roll who were elected on the occasion of the Society's 150th Anniversary.

Council.

The Council met 14 times. The attendance averaged 11.

Office Bearers.

Changes in the Council were as follows:—

- Dr. B. S. Guha, absent from 14-2-42 to 9-3-42; from 1-4-42 to 13-4-42; from 1-5-42 to 25-5-42 and from 22-6-42 to 3-8-42; and Dr. Hora officiated for him.
- Dr. K. P. Biswas, absent from 5-5-42 to 10-8-42; from 27-8-42 to 12-12-42.
- Dr. Chatterji, absent from 15-3-42 to 1-5-42 and from 26-5-42 to 25-6-42.
- Prof. Vedantatirtha, absent from 1-2-42 till the end of the year.
- Prof. Chakladar, absent from 1-2-42 till the end of the year.
- Prof. Haq, absent from 9-4-42 to 14-6-42.
- Dr. Nag, absent from 15-3-42 to 15-5-42.
- Hon. Mr. Justice Edgley, absent from 5-9-42 to 25-10-42.
- Sir John Lort-Williams, absent from 11-9-42 to 23-11-42.
- Dr. S. L. Hora was appointed General Secretary *vice* Dr. B. S. Guha resigned on 3-8-42.
- Dr. Kalidas Nag was appointed General Secretary *vice* Dr. S. L. Hora resigned on 7-12-42.
- Dr. R. C. Majumdar was appointed Library Secretary *vice* Dr. S. L. Hora resigned on 2-11-42.
- Dr. S. L. Hora was appointed Library Secretary *vice* Dr. R. C. Majumdar resigned on 7-12-42.
- Dr. R. C. Majumdar was appointed Historical and Archaeological Secretary *vice* Dr. Kalidas Nag resigned on 7-12-42.

Committees of Council.

The Standing Committees of Council, namely, the Finance, Publication, and Library Committees, met monthly. A special meeting of the Finance Committee was held in December to consider the Budget for 1943.

During the year a Standing Programme Sub-Committee, consisting of the *ex-officio* members, Sir John Lort-Williams, Dr. Bagchi, the Hon'ble Mr. Justice Edgley and Mr. Fawcus, was constituted with power to arrange the programme of meetings, lectures, etc. of the Society. This Committee met 9 times during the year.

The following Sub-Committees were appointed:—

- (1) A Sub-Committee consisting of the *ex-officio* members, Sir John Lort-Williams, Dr. S. P. Mookerjee, Dr. M. N. Saha and Dr. R. C. Majumdar, to enquire into and report upon the working of the system of administration of the Society, to which Dr. S. L. Hora was co-opted.
- (2) A Sub-Committee consisting of the *ex-officio* members, Sir John Lort-Williams and Dr. S. L. Hora, for further A.R.P. measures.
- (3) A Sub-Committee consisting of the *ex-officio* members, Sir John Lort-Williams and Dr. S. P. Agharkar, to amend the regulations regarding the award of the Brühl Memorial Medal.

Office.

During the year, the office of General Secretary was held successively by Dr. B. S. Guha, Dr. S. L. Hora and Dr. Kalidas Nag. Dr. Guha, who was General Secretary of the Society since August, 1939, had to resign his office in July owing to the transfer of the Zoological Survey of India to Benares Cantonment. In August, Dr. Hora was appointed in his place, but he had to give up the appointment as he was unable to devote enough time to the work of the Society. Since 7th December Dr. Nag has been General Secretary. He took up the onerous duties at the special request of the Council. He is devoting three hours every day in the afternoons to the work of the Society.

As stated in the Annual Report of last year, Mr. P. O. Matthai continued as Superintendent and the entire responsibility of running the office rested with him. The routine work of the Society, along with its cultural activities, was continued without any break.

The office has been following the new Indian Standard Time according to the rules from 10 a.m. to 5 p.m. on week days, and from 10 a.m. to 2 p.m. on Saturdays since September. Owing to the existing Black-out Regulations in Calcutta, the extension of the library hours had to be curtailed, which now are the same as the office, except Saturdays till 5 p.m. During the year strict measures had to be adopted to enforce discipline and regular attendance of office staff, and, as a consequence, there has been appreciable improvement in the office administration.

Some changes have been effected during the year with regard to the seating accommodation of the office staff. The office has been shifted from the main hall, western end, to the two southern rooms with the object of keeping the entire hall

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for the use of members and for meetings. The members' reading room is now at the south-eastern end of the main hall, where members and research workers can carry on their studies without being disturbed by the noise of typewriters and other distractions. This has been a notable improvement and our thanks are specially due to Sir John Lort-Williams for his vision and his abiding interest in the work of the Society.

There was a dislocation of work during the latter part of December owing to the sudden departure of members of the menial staff caused by the war scare in Calcutta. They had to be replaced by others, and it will take some time before these get accustomed to their work. Temporary dislocation therefore is inevitable.

The following changes took place in the personnel of the office staff. Mr. J. C. De, whose probationary period was extended to 31st January, 1943, resigned his appointment in December, and the general and stock clerk, S. K. Raye, was transferred to the library. His work on stock and sales and stationery has been allotted to the press clerk, D. K. Das and the cashier, B. M. Chakravarti, respectively. The services of H. B. Banerjee, who was engaged temporarily in November 1940, to number, arrange and classify the old files, were dispensed with towards the end of the year and his work was allotted to the despatch clerk.

With the introduction, during the year, of Discussion Meetings every fortnight, the work of the staff has increased considerably.

Correspondence.

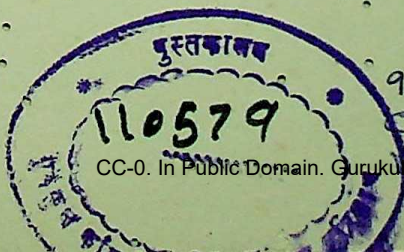
Correspondence, as heretofore, occupied much of the time of the office staff. In spite of the war and curtailed activities of many offices in India and abroad the number of letters received during the year was 1,809 and issued 2,083. Of incoming letters, several were book orders, and a number of letters were issued in connection with the Discussion Meetings. Regular Monthly Meeting notices and Discussion Meeting notices were issued to members and visitors, in addition to invitations to the General Lectures. The total number of notices issued by post, under several heads, was 3,625 excluding the regular Council and Committee Meeting notices, Library reminders, Fellowship Meeting notices, Medal Meeting notices, quarterly subscription bills, etc.

In addition, 150 Council and Committee circulars were issued.

Stock Rooms.

Re-arrangement of the stock rooms on the ground floor was continued. On further examination of the shelves, it was found

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that miscellaneous loose parts of our *Journals*, *Memoirs*, and publications of the *Bibliotheca Indica* which were set aside for further scrutiny, as they were damaged and worm-eaten, remain to be sorted.

In accordance with the orders of the Council, ten complete sets of the Society's publications, including the *Bibliotheca Indica*, were sent, as a precautionary measure, to places outside Calcutta. The thanks of the Society are specially due to the authorities of the Muslim University, Aligarh, Allahabad University and Nagpur University for their kind offices in keeping in safe custody the publications sent to them, safely packed, in wooden boxes.

Rules and Regulations.

No changes were made in the Rules, but certain amendments were made in the 'Regulations regarding the General Lectures' and in the 'Regulations regarding the award of the Paul Johannes Brühl Memorial Medal'. A set of Regulations were adopted by the Council regarding 'Discussion Meetings'.

Representations.

Indian Museum.—The Society's representative on the Board of Trustees of the Indian Museum, under the Indian Museum Act X of 1910, was Dr. J. N. Mukherjee.

Kamala Lectureship.—The Society's nominee to serve on the Selection Committee of the Kamala Lectureship, administered by the Calcutta University, continued to be Dr. Baini Prasad.

National Institute of Sciences of India.—The Society's representatives to serve on the Council of the National Institute of Sciences of India were Mr. W. D. West as Vice-President and Dr. D. M. Bose as member of the Council for 1942.

Sarojini Basu Gold Medal.—The Society's nominee to serve on the Special Committee for the award of the Sarojini Basu Gold Medal, administered by the Calcutta University, was Prof. V. Vedantatirtha.

Royal Asiatic Society of Great Britain and Ireland.—The Society's nominee for the corresponding fellowship of the Royal Asiatic Society of Great Britain and Ireland was Dr. S. K. Chatterji.

Indian Historical Records Commission.—The Society's representative to serve on the Indian Historical Records Commission was Mr. C. W. Gurner.

Deputations.

The Society received invitations to send representatives to the various functions of the under-mentioned bodies:—

Annual Conference of the National Academy of Sciences, Allahabad, at Agra on 13th to 15th February.

Silver Jubilee Celebration of the Bhandarkar Oriental Research Institute at Bombay in January 1943.

Awards.

Elliott Prize for Scientific Research.—The annual prizes offered for the years 1941 and 1942 were Chemistry and Physics respectively. Announcements regarding the prizes will be made at the Annual Meeting in 1943.

The prize for next year will be for Geology and Biology (including Pathology and Physiology).

Barclay Memorial Medal.—The (biennial) award of the Barclay Memorial Medal for conspicuous contributions to Medical and Biological Science with reference to India, for 1941, was announced at the Annual Meeting in 1942. The medal was bestowed on Sir David Prain.

The next award will be announced at the Annual Meeting in 1944.

Sir William Jones Memorial Medal.—The next (triennial) award of the medal will be made at the Annual Meeting in 1944.

Annandale Memorial Medal.—The announcement of the (triennial) award of the medal for important contributions to the study of Anthropology in Asia will be made at the Annual Meeting in 1943.

Joy Gobind Law Memorial Medal.—The (triennial) award for conspicuously important work in Zoology in Asia was announced at the Annual Meeting in 1942. The medal was awarded to Prof. K. N. Bahl.

Paul Johannes Brühl Memorial Medal.—The announcement of the (triennial) award of the medal for important contributions to the study of Asiatic Botany with special reference to the Indian Empire, for 1941, will be made at the Annual Meeting in 1943. The next award will be made at the Annual Meeting in 1945.

Indian Science Congress, Calcutta, Prize.—The next award will be made in connection with the next session of the Congress to be held in Calcutta.

Pramatha Nath Bose Memorial Medal.—The Council has not yet decided upon the year in which the initial award of this medal for conspicuously important contributions to practical or theoretical Geology with special reference to Asia will be made.

Library.

The re-organization of the library, commenced in 1939, was continued in spite of many handicaps.

Accessions.—There has been a drop in the number of periodicals received owing to the international situation. Due to the same cause, a limited number of books, totalling 150 in all, could be purchased. The total amount spent was only Rs.626-5-6 out of Rs.1,000 budgeted for the purpose.

Six new journals were added to the library either by exchange or purchase: (1) Journal of the Music Academy; (2) New Indian Antiquary; (3) Modern Review; (4) Proceedings of the Missouri Academy of Sciences, U.S.A.; (5) Transactions of the Indian Ceramic Society; and (6) Journal of the University of Bombay.

Binding and repair.—Binding and repair work was continued vigorously. In the English Section 961 volumes were bound and repaired at a cost of Rs.1,531-10-6. In addition, 75 Islamic and 127 Sanskrit manuscripts have been pasted and repaired. Owing to the high price of materials for pasting and their unavailability, the repair of manuscripts will have to be suspended till conditions become normal.

Book reviews.—Books and journals are being received regularly for review in the Society's *Journal*. Several books were added to the library as presentations under this head.

Permanent Library Endowment Fund.—No donation was received during the year. The total amount of the fund is Rs.16,665-7-8 in $3\frac{1}{2}\%$ Government Securities.

Cataloguing.—Some progress was made in the preparation of author and subject indexes of those books in the library whose names do not appear in the existing printed authors catalogue. In the Sanskrit, Tibetan, Persian and Arabic sections some progress was made with regard to the cataloguing of manuscripts and printed books.

Removal of books from the first floor to the ground floor.—As many books as possible have been removed to the empty shelves on the ground floor as a precautionary measure against air raids. 30,000 volumes of books and periodicals have been brought down, of which about 20,000 have been arranged according to the serial numbers. All available space on the ground floor will be made use of, and it is hoped that by the end of January this work will be completed.

Finance.

Appendix III contains the usual Statements showing our accounts for 1942. No change has been made in the form of their presentation.

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The following three new funds have been opened:—

- (1) Air Raid Precaution Fund (Statement No. 20).
- (2) Discussion Meeting Fund, Capital Account (Statement No. 21).
- (3) Discussion Meeting Fund, Running Account (Statement No. 22).

Details are given elsewhere in the report.

During the year Rs.608 were received as admission fees and Rs.420 as compounding fees. The total of Rs.1,028 will be transferred to the Permanent Reserve by conversion of Government Paper (3½%) belonging to the Temporary Reserve.

The Government of Bengal maintained the 20% cut in some of the grants made.

The Government of India maintained the 50% cut in the grant for Arabic and Persian MSS. (Statement No. 5). The fund closed with a debit balance of Rs.1,960-3-3.

The Government Securities, shown in Statement No. 25, are held in safe custody by the Imperial Bank of India, Park Street Branch. During the year there was an appreciation of the securities, thus increasing the book assets of the Society.

BUDGET ESTIMATE FOR 1943.

Ordinary Receipts.

	Budget Estimate for 1942.	Actuals for 1942.	Budget Estimate for 1943.
	Rs.	Rs.	Rs.
Interest on Investments and {	9,800	9,860	9,860
Deposits	750	750	450
Advertising	10,200	10,200	10,200
Rent	10,680	10,680	10,680
Annual Grant	1,600	1,600	1,600
Miscellaneous	300	420	350
Members' Subscription	8,000	7,706	8,000
Publication, Sales and Subscrip- tions	5,000	3,913	4,000
TOTAL ..	46,330	45,129	45,140

Extraordinary Receipts.

	Rs.	Rs.	Rs.
By Fees			
by Admission Fees ..	700	688	700
by Compounding Fees ..	..	420	..
TOTAL ..	700	1,108	700

Ordinary Expenditure.

	Budget Estimate for 1942.	Actuals for 1942.	Budget Estimate for 1943.
	Rs.	Rs.	Rs.
Salaries and Allowance ..	22,250	21,816	23,700
Commission ..	300	253	280
Stationery ..	1,000	350	500
Fan, Light and Telephone ..	500	436	600
Taxes ..	2,400	2,388	2,400
Postage ..	1,400	1,240	1,000
Contingencies ..	1,000	890	1,000
Petty Repairs ..	150	100	150
Insurance ..	500	500	500
Menials' Clothing ..	50	42	250
Office Furniture ..	1,000	253	200
Building Repairs ..	2,000	2,000	1,500
Provident Fund Share ..	700	691	700
Audit Fee ..	250	250	250
Books, Library ..	1,000	790	1,500
Binding ..	4,500	1,626	2,000
Journal and Memoirs ..	6,500	6,250	5,750
Printing, Circulars, etc. ..	700	620	800
A.R.P. Measures ..	..	2,270	560
War Allowance ..	..	1,176	1,500
TOTAL ..	46,200	43,941	45,140

Extraordinary Expenditure.

	Rs.	Rs.	Rs.
To Permanent Reserve			
by Admission Fees ..	700	688	700
by Compounding Fees ..	..	420	..
TOTAL ..	700	1,108	700

Publications.

The complete volume of the *Journal* for the year has been published and distributed to members. The volume is composed of four numbers (2 *Letters*, 1 *Science* and 1 *Year-Book*) and consists of 642 pages and 10 plates. The Title-pages and Indexes for the three parts of Volume VII, viz. *Letters*, *Science* and *Year-Book*, have been published and issued separately.

Memoirs.—Not much appreciable progress has been made in the printing of *Mañāvyūtpatti* by Alexander Csoma de Körös. The whole material in Sanskrit, English and Tibetan has been set up in type and it is estimated that the number will be published during the next year.

The Council at its meeting held in November decided to reduce the number of printed copies of the following publications

of the Society in accordance with the desire of Government to economize in the use of paper:—

Journal and Memoirs—850 copies from 1,000 copies,
Catalogue of Sanskrit Manuscripts, Vols. X and XI—
500 copies from 1,000 copies.

It is with this end in view, as well as according to the observations of the Bibliotheca Indica Sub-Committee on the high rise of prices of printing paper and its scarcity in the market, that no new work could be sanctioned for the coming year.

Bibliotheca Indica Series.—The following work was published during the year :—

Tirthakalpa edited by Pandit Kedar Nath of Jeypur together with an introductory note by Dr. S. K. Chatterji. It consists of 1-360 pages of text and and pp. i-viii of preliminary matter.

Works in the Bibliotheca Indica Series in which further progress was made during the year are :—

- (1) *The Doctrine of Nimbārka*, Volume III, by Dr. Roma Chaudhuri.
- (2) *Padmāvatī* of Malik Muhammed Jaisi, English Translation and Notes by Mr. A. G. Shirreff, I.C.S.
- (3) *Kuttanimatam*—Edited with notes by Pandit Madhusudan Kaul of Kashmir.

Descriptive Catalogues of Manuscripts in the possession of the Royal Asiatic Society of Bengal :—

- I. (1) *The Descriptive Catalogue of Sanskrit MSS.*, Volume X, Astronomy and Astrology, prepared by MM. H. P. Shastri, and revised and edited by Prof. P. C. Sen-Gupta, has progressed considerably, and if progress can be maintained uninterrupted by the scarcity of paper, the Volume will be published in the coming year (1943).
- (2) *The Descriptive Catalogue of Sanskrit MSS.*, Volume XI, Philosophy, prepared by MM. H. P. Shastri, and revised and edited by Prof. N. C. Bhattacharyya, M.A., Vedantatirtha, has been prepared and sent to the Press, but on account of scarcity of metal and paper it could not progress simultaneously with Volume X.
- II. *Catalogue of Arabic Manuscripts*, Volume II.—Since the death of Khan Bahadur Shams-ul-Ulama Dr. M. Hidayat Hosain, the task of seeing this Volume through the Press was entrusted to Prof. M. Mahfuz-ul Haq, M.A. So far the material prepared by the

late Shams-ul-Ulama was concerned, Prof. Haq has agreed to see it through the Press. This will form Part I of the Volume and it may be issued next year. For the remaining incomplete material for the Volume forming Part II, Prof. Haq has recommended that Dr. S. A. Imam be engaged to complete it.

The following works are still under preparation and as soon as received will be passed on to the Printers :—

- (1) *Haft-Iqlim*, Volume II, by Prof. M. Mahfuz-ul Haq.
- (2) *Amal-i-Salih* or *Shah Jahan Nama*—Index, by M. G. Yazdani.
- (3) *Bhagavad Gita* (in Persian verse) by Dr. Baini Prashad.
- (4) *Maāthir-ul-Umarā*—Volume II, English translation, edited by Dr. Baini Prashad.

Air Raid Precaution Measures Fund.

At the last Annual Meeting of the Society, our Patron, His Excellency the Governor of Bengal, who presided, made a special appeal for donations to the Society to defray the heavy cost of packing, insurance, etc. of the books, manuscripts and pictures, which were removed to places of safety outside Calcutta, as a precautionary measure against air raids. He started the fund himself with a donation of Rs.500. The Society sent letters of appeal to all members and to the Governments of Bengal and India and the response was very satisfactory. Rs.8,500 were realized and the thanks of the Society are due to those who generously contributed to the fund.

General Lectures.

The following General Lectures were delivered before fairly large audiences of members and visitors:—

March 26th	..	Dr. Girindrashekar Bose: Psycho-Analysis.
March 28th	..	Major H. Hobbs: Old-time Clubs in India.
March 30th	..	Dr. C. J. Pao: China To-day with special reference to Cultural Development and her Relations with India.
April 2nd	..	Dr. Suniti Kumar Chatterji: Romanization of Indian Languages.
April 7th	..	Dr. H. K. Sen: Lac, its biological and other Aspects.
April 15th	..	Dr. K. P. Biswas: The Vegetation of the Borderland of Tonnasserim and Thailand (Siam) in the Mergui District, S. Burma.
April 27th	..	Dr. P. K. Ghosh: Indian Mineral Waters.
November 10th	..	Dr. A. A. Bake: Affinity of Indian and Western Music.
November 24th	..	Dr. A. A. Bake: Some Indian Religious and Secular Folk-dances.
December 8th	..	Dr. A. A. Bake: Ladakh and the Dances at the Hemis Monastery.

Cultural Activities.

In addition to general lectures, facilities were offered to scholars for study and research and help was rendered to institutions and scholars outside Calcutta on matters of antiquarian and historical interest.

Discussion meetings are now being held for the first time. The object of these meetings is to afford opportunities to the public for informal discussion in order to stimulate interest in the work of the Society and in Indian culture. Such discussions have taken place fortnightly since August with intervals during the Pujah and Christmas holidays. Invitations to these meetings were extended to members of the Allied Forces (British, Indian, American and Chinese) who are stationed in or in the vicinity of Calcutta. The meetings were very well attended and the topics chosen evoked great interest among all those who were present.

August 27th ..	Major H. Hobbs: Old Calcutta.
September 10th	Capt. F. Kingdon Ward: Burma Frontier and Beyond.
September 24th	Lt.-Col. G. L. Hyde: Chittagong Hill Tracts.
November 19th	Dr. W. G. Griffiths: Peoples of India.
December 3rd ..	Dr. Kalidas Nag: Indian Religions.
December 17th	Mr. C. W. Gurner: Topography of Calcutta (with special reference to the fighting in 1756-57).

General.

Routine work in respect of the local distribution of the Society's publications, circulars, forms, etc. and the keeping up to date of the addresses of members was carried out as usual, but the posting of Journals, etc. to belligerent and many neutral countries affected by the war was either stopped altogether, or was seriously handicapped by delays in shipment.

Printers.

Under the capable superintendence of Mr. G. E. Bingham, the Baptist Mission Press continued to act as our chief printers and gave, as usual, their valuable assistance. Mention also may be made of the help rendered by the Directors of the Inland Printing Works in doing minor printing work for the Society.

Agencies.

Our European, American and Indian Agents remain the same. An extension of the list for Asiatic countries could not be made owing to unsettled conditions.

Exchange of Publications.

The following applications for exchange with the Society's publications were considered by the Council, and its decisions are noted below:—

<i>Publications of :</i>	<i>To be exchanged with :</i>
Missouri Academy of Science, U.S.A. . .	Science volume of Journal.
Indian Ceramic Society . . .	Science volume of Journal.

Meetings.

The Ordinary Monthly Meetings of the Society were held regularly with the exception of April, May and the recess months, September and October. The average attendance was 11 members and 1 visitor. The maximum attendance was in November with 13 members and 3 visitors.

There were no meetings of the Medical Section.

Exhibits.

At the Ordinary Monthly Meetings several interesting exhibits were shown and commented upon. The following may be mentioned:—

- Nalinaksha Dutt: Saddharma-puṇḍarika.
- K. N. Bagchi: Some Indigenous Poisons used in Crimes.
- R. C. Majumdar: Rajavijaya-nāṭakam.
- M. Z. Siddiqi: An important MS. of the Poems of four important Poets of Persia: Sa'di, Ḥafiz, Jalāl-i-'Aḍud and Kamāl of Khujand.

Solicitors.

The Society is under obligation to its Solicitors, Messrs. B. N. Basu & Co., for prompt and valuable service rendered during the year. To the head of the firm, Mr. J. N. Basu, it is specially indebted for his courtesy and ungrudging help on all occasions when there was any need to consult him.

Summary.

The year 1942 was one in which the activity and general prosperity of the Society were maintained. Though membership decreased by 7 by reason of the application of rules, by resignation and death, the reputation of the Society stands high as the premier learned Society in the East, as can be seen from new applications for membership, of which 34 were received. On the cultural side, regular Monthly General Meetings, General Lectures, and Discussion Meetings were held, which were well attended. The publications, though unavoidably curtailed for want of paper, consisted of four issues of the *Journal*, which were distributed to all members.

The publications under the head *Bibliotheca Indica* progressed satisfactorily and one work, viz. *Tirthakalpa*, fasc. 2, has been issued during the year. The cataloguing of the Sanskrit and Arabic Sections has progressed satisfactorily. The Council, towards the end of the year, appointed an editor to make up the

arrears in the Arabic Catalogue and it is hoped that substantial progress will be made during the ensuing year. The Council and Committees have performed their duties, contributing much to the success of the Society's activities. There still remains much to be done in the Library, including the rich Manuscript library, in order to implement the recommendations of the Special Enquiry Committee of 1939.

The year under review was generally successful in spite of the reduced activities of institutions in Calcutta and elsewhere on account of the international situation. The output of work in all directions has been fairly large in quantity and valuable in quality. All worked harmoniously in a spirit of good-will and enthusiasm, adding materially to the growth of the Society's scholarly and social prestige.

The Founder of the Society, Sir William Jones, landed in Calcutta in October 1783. In the perilous voyage of those days, taking over six months (April to October 1783), Jones, with the intuition of a real genius, was already dreaming of developing a centre of research wherein would be co-ordinated the multitudinous currents of oriental culture, language and literature, law and social institutions, religion and philosophy, civic and natural science of Man in India against the background of the history of Man in Asia, and this dream was realized by him although his premature death prevented its full achievement. The coming year of 1943 will be the 160th anniversary of his grand 'Passage to India', and the Council requests all well-wishers of the Royal Asiatic Society of Bengal to offer their whole-hearted co-operation to enable it to prepare adequately for the 160th anniversary of the foundation of the Society in January 1784, before the next Annual Meeting. In that expectation and hope this Report may be concluded with these words of our illustrious Founder: 'When I was at sea last August, on my voyage to this country, which I had long desired to visit, I found one evening, on inspecting the observations of the day, that India lay before us, and Persia on our left, whilst a breeze from Arabia blew nearly on our stern. A situation so pleasing in itself, and to me so new, could not fail to awaken a train of reflections in a mind which had early been accustomed to contemplate with delight the eventful histories and agreeable fictions of this eastern world. It gave me inexpressible pleasure to find myself in the midst of so noble an amphitheatre, almost encircled by the vast regions of Asia, which has ever been esteemed the nurse of sciences, the inventress of delightful and useful arts, the scene of glorious actions, fertile in the productions of human genius, abounding in natural wonders and infinitely diversified in the forms of religion and government, in the laws, manners, customs, and languages, as well as in the features and complexions, of men.'

[APPENDIX I]

List of Publications issued by the Royal Asiatic Society of Bengal during 1942.**(a) Bibliotheca Indica :**

	Price
	Rs. As. P.
<i>Indian Work :</i>	
Tirthakalpa, Fascicle 2, concluding the work ..	3 0 0

(b) Journal and Proceedings (Third Series) :

(1) Vol.VIII (Letters), No. 1 ..	..	..	7 0 0
(2) " " " " 2 ..	..	..	8 8 0
(3) " " (Science) " 1 ..	..	..	3 8 0
(4) " " (Year-Book) ..	..	..	7 0 0
(5) Title-pages and Indexes to Vol. VII.			

[APPENDIX II]

Abstract Statement
of
Receipts and Disbursements
of the
Royal Asiatic Society of Bengal
for
the Year 1942

STATEMENT No. 1.

General

Income and Expenditure Account

		Rs.	As.	P.	Rs.	As.	P.
To ESTABLISHMENT :							
Salaries and Allowances	..	21,877	0	3			
Commission	..	295	11	6			
War Allowances	..	1,170	13	0			
					23,343	8	9
GENERAL EXPENDITURE :							
Stationery	..	299	0	3			
Fans and Light	..	182	14	9			
Telephone	..	251	6	0			
Taxes	..	2,387	5	0			
Postage	..	926	4	6			
Contingencies	..	885	2	6			
Printing Circulars, etc.	..	544	4	3			
Audit Fee	..	250	0	0			
Petty Repairs	..	84	15	0			
Insurance	..	500	0	0			
Menials' Clothing	..	41	8	0			
Furniture and Repairs	..	243	2	9			
Interest on Security Deposit	..	5	0	0			
A.R.P. Expenses	..	2,654	12	0			
					9,255	11	0
PURCHASE OF INVESTMENTS	..	.....			5,047	14	8
LIBRARY AND COLLECTIONS :							
Books	..	626	5	6			
Binding	..	1,531	10	6			
					2,158	0	0
Provident Fund Contribution for 1942	..	.....			690	9	0
					40,495	11	5
Transfer to Building Repair Fund Account	..	.....			2,000	0	0
SUNDRY ADJUSTMENT :							
Bad Debts written-off				1,183	8	0
BALANCE AS PER BALANCE SHEET			2,89,182	13	11

3,32,862 1 4

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Receipts and Disbursements.

35

Fund.

1942.

for the year ended 31st December, 1942.

	Rs. As. P.	Rs. As. P.
BY BALANCE FROM LAST ACCOUNT	2,82,067 6 4

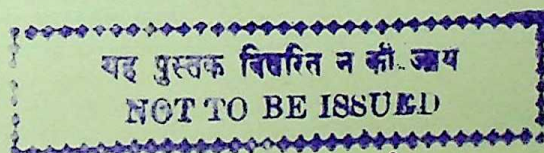
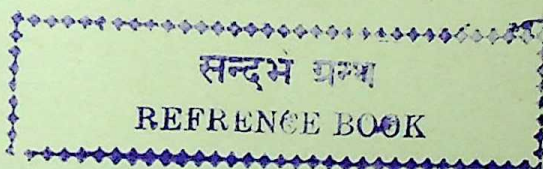
CASH RECEIPTS :

Interest on Investments ..	..	9,859 10 6	
Interest on Fixed Deposits ..	..	750 0 0	
Advertising ..	..	10,200 0 0	
Rent ..	..	10,355 0 0	
Miscellaneous ..	..	418 10 6	
			31,583 5 0

PERSONAL ACCOUNT :

Members' Subscriptions ..	..	9,024 0 0	
Admission Fees ..	..	608 0 0	
Compounding Fees ..	..	420 0 0	
Unclaimed Credit Balances ..	..	54 0 0	
			10,106 0 0

Investments purchased during the year credited at face value ..	..	....	5,000 0 0
Appreciation on Investments re-valued on 31st December, 1942 ..	..	....	4,105 6 0



 3,32,862 1 4

STATEMENT No. 2.

Oriental Publication

From a monthly grant made by the Government of Bengal for the publication (Rs.500, Less 20% from the 1st April, 1932), and for the

			Rs.	As.	P.
To	Purchase of Investments	.. ..	5,047	14	8
	Depreciation on Investments re-valued on 31st				
	December, 1942	.. ..		6	4 0
	Printing	.. ..	4,476	12	9
	Binding	.. ..		125	0 0
	A.R.P. Expenses	.. ..	1,712	8	0
	Balance as per Balance Sheet—	Rs. As. P.			
	Rs.5,000 3% War Loan	.. ..	4,993	12	0
	Surplus at date	.. ..	11,356	11	9
			16,350	7	9
			27,718	15	2

STATEMENT No. 3.

Oriental Publication

From an annual grant made by the Government of Bengal of Historical (Less 20% from the

					Rs.	As.	P.
To	Balance from last Account	..	..	8,152	14	7
	Printing	..	..	2,687	6	0
	Editing	..	..	127	8	0
	Binding	..	..	125	0	0
					<hr/>		
					11,092	12	7

STATEMENT No. 4.

Sanskrit Manuscripts Fund

From an annual grant of Rs.3,200 made by the Government of Bengal by the Society; and Rs.3,600 from the same Government

					Rs.	As.	P.
To Cataloguing	..	..	..	..	615	0	0
Binding	..	..	..	..	125	0	0
Printing	..	..	..	..	1,538	0	6
Repairs to MSS.	..	..	..	..	549	6	0
Preservation (A.R.P. Measures)		8,458	7	6
Balance as per Balance Sheet		9,440	8	0
					<hr/>		
					20,726	6	0

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Receipts and Disbursements.

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Fund No. 1, in Account with R.A.S.B.

1942.

ation of Oriental Works and Works of Instruction in Eastern Languages
publication of Sanskrit Works hitherto unpublished, Rs.250.

			Rs.	As.	P.
By Balance from last Account	..	..	14,861	12	8
Annual Grant ..	..	..	7,800	0	0
Interest realized during the year	..	..	57	2	6
Investments purchased during the year credited at face value	..	..	5,000	0	0

27,718 15 2

Fund No. 2, in Account with R.A.S.B.

1942.

Rs.3,000 for the publication of Arabic and Persian Works of
Interest.
(1st of April, 1932.)

			Rs.	As.	P.
By Balance as per Balance Sheet	..	..	11,092	12	7

11,092 12 7

Account, in Account with R.A.S.B.

1942.

for the publication of the Catalogue of Sanskrit Manuscripts acquired
(Less 20% from the 1st of April, 1932)
for Research Work.

			Rs.	As.	P.
By Balance from last Account	..	..	17,846	6	0
Annual Grant ..	..	..	2,880	0	0

20,726 6 0

STATEMENT No. 5. *Arabic and Persian Manuscripts*

From an annual grant of Rs.5,000 made by the Government of India for
by the Society; for the purchase of further Manuscripts,
Manuscripts found in
(Less 50% from 1st April,

	Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account..		4,243	11	3
Printing		216	8	0
				<u>4,460</u>	<u>3</u>	<u>3</u>

STATEMENT No. 6. *Barclay Memorial*

From a sum of Rs.500 odd given in 1896 by the Surgeon
encouragement of Medical

	Rs.	As.	P.	Rs.	As.	P.
To Cost of a Medal ..	..	....		16	9	0
Balance as per Balance Sheet—						
Rs.700, 3½% G.P. Notes, 1854-55	658	0	0			
Surplus at date ..	109	5	8			
				<u>767</u>	<u>5</u>	<u>8</u>
				<u>783</u>	<u>14</u>	<u>8</u>

STATEMENT No. 7. *Servants' Pension Fund*

Founded in 1876 as the Piddington Pension Fund

	Rs.	As.	P.	Rs.	As.	P.
To Pension ..	..	....		132	0	0
Balance as per Balance Sheet—						
Rs.3,000, 3½% G.P. Notes, 1854-55	2,820	0	0			
Surplus at date ..	783	10	8			
				<u>3,603</u>	<u>10</u>	<u>8</u>
				<u>3,735</u>	<u>10</u>	<u>8</u>

STATEMENT No. 8. *Annandale Memorial Fund*

From donations by subscription,

	Rs.	As.	P.	Rs.	As.	P.
To Balance as per Balance Sheet—						
Rs.4,000, 3½% G.P. Notes, 1854-55	3,760	0	0			
Surplus at date ..	901	4	9			
				<u>4,661</u>	<u>4</u>	<u>9</u>
				<u>4,661</u>	<u>4</u>	<u>9</u>

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Receipts and Disbursements.

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Fund Account, in Account with R.A.S.B.

1942.

the cataloguing and binding of Arabic and Persian Manuscripts, acquired and for the preparation of notices of Arabic and Persian various Libraries in India. 1939.)

	Rs.	As.	P.	Rs.	As.	P.
By Annual Grant			2,500	0	0
Balance as per Balance Sheet			1,960	3	3
				<u>4,460</u>	<u>3</u>	<u>3</u>

Fund Account, in Account with R.A.S.B.

1942.

General, I.M.S., for the foundation of a medal for the and Biological Science.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			749	2	8
Interest realized during the year			24	4	0
Appreciation on Investments re-valued on 31st December, 1942			10	8	0
				<u>783</u>	<u>14</u>	<u>8</u>

Account, in Account with R.A.S.B.

1942.

with Rs.500 odd from the Piddington Fund.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			3,585	14	8
Interest realized during the year			104	12	0
Appreciation on Investments re-valued on 31st December, 1942			45	0	0
				<u>3,735</u>	<u>10</u>	<u>8</u>

Account, in Account with R.A.S.B.

1942.

started in 1926.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			4,462	12	9
Interest realized during the year			138	8	0
Appreciation on Investments re-valued on 31st December, 1942			60	0	0
				<u>4,661</u>	<u>4</u>	<u>9</u>

STATEMENT No. 9. *Permanent Library Endowment*

From gifts received,

	Rs.	As.	P.	Rs.	As.	P.
To Balance as per Balance Sheet—						
Rs.14,000, 3½% G.P. Notes, 1854-55	13,160	0	0			
Surplus at date	3,715	7	8			
				16,875	7	8
				16,875	7	8

STATEMENT No. 10. *Sir William Jones Memorial*

From a sum gifted for the purpose in

	Rs.	As.	P.	Rs.	As.	P.
To Balance as per Balance Sheet—						
Rs.3,000, 3½% G.P. Notes, 1854-55	2,820	0	0			
Surplus at date	463	7	0			
				3,283	7	0
				3,283	7	0

STATEMENT No. 11. *Pramathanath Bose Memorial*

From a sum gifted for

	Rs.	As.	P.	Rs.	As.	P.
To Balance as per Balance Sheet—						
Rs.800, 3½% G.P. Notes, 1842-43	1,692	0	0			
Rs.1,000, " " " 1865						
Surplus at date	410	5	0			
				2,102	5	0
				2,102	5	0

STATEMENT No. 12. *Joy Gobind Law Memorial*

From a donation for the purpose

	Rs.	As.	P.	Rs.	As.	P.
To Cost of a Medal				359	14	0
Balance as per Balance Sheet—						
Rs.3,000, 3½% G.P. Notes, 1854-55	2,820	0	0			
Surplus at date	103	12	0			
				2,923	12	0
				3,283	10	0

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Receipts and Disbursements.

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Fund Account, in Account with R.A.S.B.

1942.

started in 1926.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			16,176	7	8
Interest realized during the year			489	0	0
Appreciation on Investments re-valued on 31st December, 1942			210	0	0
				<u>16,875</u>	<u>7</u>	<u>8</u>

Fund Account, in Account with R.A.S.B.

1942.

1926, by Dr. U. N. Brahmachari.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			3,133	11	0
Interest realized during the year			104	12	0
Appreciation on Investments re-valued on 31st December, 1942			45	0	0
				<u>3,283</u>	<u>7</u>	<u>0</u>

Fund Account, in Account with R.A.S.B.

1942.

the purpose in 1935.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			2,027	12	0
Interest realized during the year			47	9	0
Appreciation on Investments re-valued on 31st December, 1942			27	0	0
				<u>2,102</u>	<u>5</u>	<u>0</u>

Fund Account, in Account with R.A.S.B.

1942.

in 1929, by Dr. Satya Churn Law.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			3,088	12	0
Interest realized during the year			104	12	0
Donation			45	2	0
Appreciation on Investments re-valued on 31st December, 1942			45	0	0
				<u>3,283</u>	<u>10</u>	<u>0</u>

STATEMENT No. 13. *Calcutta Science Congress Prize*

	Rs. As. P.	Rs. As. P.
To Cost of two Medals .. ..	....	890 8 0
Balance as per Balance Sheet—		
Rs. 3,000, 3½% G.P. Notes, 1854-55	2,820 0 0	
Surplus at date	506 10 7	
	<hr/>	3,326 10 7
		<hr/>
		4,217 2 7
		<hr/>

STATEMENT No. 14.

Dr. Brühl Memorial

From a sum gifted for the purpose in

	Rs. As. P.	Rs. As. P.
To Balance as per Balance Sheet—		
Rs. 1,000, 3½% G.P. Notes, 1854-55	940 0 0	
Surplus at date	220 15 0	
	<hr/>	1,160 15 0
		<hr/>
		1,160 15 0
		<hr/>

STATEMENT No. 15.

Building Repair

	Rs. As. P.	Rs. As. P.
To Repairs during the year	104 13 6
Balance as per Balance Sheet	5,281 12 0
		<hr/>
		5,386 9 9
		<hr/>

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Receipts and Disbursements.

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Fund Account, in Account with R.A.S.B.

1942.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			4,067	6	7
Interest realized during the year			104	12	0
Appreciation on Investments re-valued on 31st December, 1942..			45	0	0
				<u>4,217</u>	<u>2</u>	<u>7</u>

Fund Account, in Account with R.A.S.B.

1942.

1929, by the Brühl Farewell Committee.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			1,111	3	0
Interest realized during the year			34	12	0
Appreciation on Investments re-valued on 31st December, 1942			15	0	0
				<u>1,160</u>	<u>15</u>	<u>0</u>

Fund Account, in Account with R.A.S.B.

1942.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			3,386	9	6
Transfer from R.A.S.B. General Fund			2,000	0	0
				<u>5,386</u>	<u>9</u>	<u>6</u>

STATEMENT No. 16.

Provident Fund

From contributions by the

	Rs.	As.	P.	Rs.	As.	P.
To A.R.P. Contingencies .. ..	....			3	0	0
Cost of a stamp .. ..	....			0	1	0
Balance as per Balance Sheet—						
Rs. 6,000, 3½% G.P. Notes, 1900-01	5,640	0	0			
Rs. 5,200, 3% G.P. Notes, 1963-65	4,969	4	0			
Savings Bank and Advances ..	8,754	5	4			
				19,363	9	4
				19,366	10	4

STATEMENT No. 17.

Advances Account,

	Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account			3,428	0	0
Payments during the year			1,930	0	0
				5,358	0	0

STATEMENT No. 18.

Personal

	Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account ..	....			6,235	15	0
Advances .. ..	....			432	8	6
Unclaimed Credit Balances written back ..	54	0	0			
R.A.S.B.'s Subscriptions, etc. ..	10,052	0	0			
Book Sales, etc. ..	2,667	14	6			
				12,773	14	6

19,442 6 0

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Receipts and Disbursements.

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Account, in Account with R.A.S.B.

1942.

Society and its Staff.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account			17,279	0	4
Interest realized during the year ..	21	3	0			
Staff Contribution for the year ..	690	9	0			
Society's Contribution for the year ..	690	9	0			
				1,402	5	0
Interest realized from Savings Bank ..	....			445	13	0
Appreciation on Investments re-valued on 31st December, 1942 ..	....			239	8	0
				19,366	10	4

in Account with R.A.S.B.

1942.

	Rs.	As.	P.	Rs.	As.	P.
By Refunds during the year			1,836	0	0
Balance as per Balance Sheet			3,522	0	0
				5,358	0	0

Account.

1942.

	Rs.	As.	P.	Rs.	As.	P.
By Cash Receipts during the year			14,317	2	6
Bad Debts written off, R.A.S.B.			1,183	8	0
Balance as per Balance Sheet			3,941	11	6

Outstandings.	Amount due to the Society.			Amount due by the Society		
	Rs.	As.	P.	Rs.	As.	P.
Members ...	3,161	11	0	251	13	0
Subscribers, etc. ...	1,004	12	6	6	10	0
Bill Collector's Deposit ...	...	...	...	100	0	0
Miscellaneous ...	222	1	0	88	6	0
	4,388	8	6	446	13	0

19,442 6 0

STATEMENT No. 19.

Publication Fund Account,

		Rs. As. P.	Rs. As. P.
To Journal and Proceedings	4,775 6 0
Balance as per Balance Sheet	7,394 5 3
			<hr/>
			12,169 11 3

STATEMENT No. 20.

A.R.P. Fund Account,

From a sum donated by His Excellency the Governor of Bengal in
Members of

		Rs. As. P.	Rs. As. P.
To Balance as per Balance Sheet	8,352 10 0
			<hr/>
			8,352 10 0

STATEMENT No. 21. *Discussion Meeting Fund Capital*

From a sum given by His Excellency the Governor

			Rs. As. P.	Rs. As. P.
To Purchase of Crockery	692 4 9
Purchase of Furniture	1,277 11 3
Contingencies	30 0 0
				<hr/>
				2,000 0 0

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Receipts and Disbursements.

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in Account with R.A.S.B.

1942.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account		6,931	9	6
Government Grant		1,600	0	0
Book Sales, etc.	2,667	14 6			
Cash Sale of Publications	970	3 3			
				3,638	1	9
				12,169	11	3

in Account with R.A.S.B.

1942.

1942 and contributions made by the Government of Bengal and the Society.

	Rs.	As.	P.	Rs.	As.	P.
By Contributions received during the year				8,352	10	0
				8,352	10	0

Account, in Account with R.A.S.B.

1942.

of Bengal out of the Bengal War Purposes Fund.

	Rs.	As.	P.	Rs.	As.	P.
By Grant			2,000	0	0
				2,000	0	0

STATEMENT No. 22. *Discussion Meeting Fund Running*
From sale proceeds

	Rs.	As.	P.	Rs.	As.	P.
To Purchase of Stationery			4	10	0
Contingent charges (tea, etc.)			201	12	0
				<u>206</u>	<u>6</u>	<u>0</u>

STATEMENT No. 23. (1) *Deposit Account (Savings Bank*

	Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account ..	....			3,481	4	4
Deposit of Interest realized from loans during the year ..	21	3	0			
Deposit of Contributions during the year ..	1,381	2	0			
Deposit of Advances returned ..	<u>1,836</u>	<u>0</u>	<u>0</u>	3,238	5	0
Interest for the year ..	....			445	13	0
				<u>7,165</u>	<u>6</u>	<u>4</u>

STATEMENT No. 24. (2) *Deposit Account (Fixed Deposit*

	Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account			50,000	0	0
				<u>50,000</u>	<u>0</u>	<u>0</u>

1943]

Receipts and Disbursements.

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Account, in Account with R.A.S.B.

1942.

of Tickets.

		Rs. As. P.	Rs. As. P.
By Sale of Tickets	152 8 0
Balance as per Balance Sheet	53 14 0
			<hr/>
			206 6 0
			<hr/>

Deposit with Imperial Bank of India).

1942.

		Rs. As. P.	Rs. As. P.
By Withdrawal for Staff Advances, etc.	....	1,933 0 0	
Cost of a stamp	..	....	0 1 0
Balance as per Balance Sheet	..	....	5,232 5 4

 7,165 6 4

with Imperial Bank of India).

1942.

		Rs. As. P.	Rs. As. P.
By Withdrawals during the year	20,000 0 0
Balance as per Balance Sheet	30,000 0 0
			<hr/>
			50,000 0 0
			<hr/>

STATEMENT No. 25.

(3) Investments

		Rs. As. P.	
To Balance from last Account	..	3,00,396	4 0
Purchase of Investments during the year	..	10,000	0 0
Appreciation Investments re-valued on 31-12-1942	..	4,841	2 0
		3,15,237	6 0

Face Value Rs.	FUNDS.	Rate @ Rs. %	31st December, 1942, Valuation.		31st December, 1941, Valuation including purchases during the year.		Appreciation or Depreciation.	
			Rs.	A. P.	Rs.	A. P.	Rs.	A. P.
	ROYAL ASIATIC SOCIETY OF BENGAL.							
	PERMANENT RESERVE.							
16,700	3½% G.P. Notes, 1842-43	}						
1,53,700	3½% G.P. Notes, 1854-55							
44,300	3½% G.P. Notes, 1865							
6,000	3½% G.P. Notes, 1879							
33,000	3½% G.P. Notes, 1900-01							
2,53,700	3½% G.P. Notes, 1896-97	94/0-	2,38,478	0 0	2,34,672	8 0	3,805	8 0
500	3% G.P. Notes, 1896-97	80/12-	403	12 0	398	12 0	5	0 0
	TEMPORARY RESERVE.							
12,000	3½% G.P. Notes, 1900-01	94/0-	11,280	0 0	11,100	0 0	180	0 0
11,400	4½% Loan, 1955-60	113/15-	12,988	14 0	12,867	12 0	121	2 0
5,000	3% War Loan, 1951-54	99/14/-	4,993	12 0	5,000	0 0	*6	4 0
5,000	ORIENTAL PUBLICATION FUND No. 1.							
	3% War Loan, 1951-54	99/14/-	4,993	12 0	5,000	0 0	*6	4 0
700	BARCLAY MEMORIAL FUND.							
	3½% G.P. Notes, 1854-55	94/0-	658	0 0	647	8 0	10	8 0
3,000	SERVANTS' PENSION FUND.							
	3½% G.P. Notes, 1854-55	94/0-	2,820	0 0	2,775	0 0	45	0 0
4,000	ANNANDALE MEMORIAL FUND.							
	3½% G.P. Notes, 1854-55	94/0-	3,760	0 0	3,700	0 0	60	0 0
14,000	PERMANENT LIBRARY ENDOWMENT FUND.							
	3½% G.P. Notes, 1854-55	94/0-	13,160	0 0	12,950	0 0	210	0 0
3,000	SIR WILLIAM JONES MEMORIAL FUND.							
	3½% G.P. Notes, 1854-55	94/0-	2,820	0 0	2,775	0 0	45	0 0
800	PRAMATHANATH BOSE MEMORIAL FUND.							
1,000	3½% G.P. Notes, 1842-43	94/0-	1,692	0 0	1,665	0 0	27	0 0
	3½% G.P. Notes, 1865							
3,000	JOY GOBIND LAW MEMORIAL FUND.							
	3½% G.P. Notes, 1854-55	94/0-	2,820	0 0	2,775	0 0	45	0 0
3,000	CALCUTTA SCIENCE CONGRESS PRIZE FUND.							
	3½% G.P. Notes, 1854-55	94/0-	2,820	0 0	2,775	0 0	45	0 0
1,000	DR. BRÜHL MEMORIAL FUND.							
	3½% G.P. Notes, 1854-55	94/0-	940	0 0	925	0 0	15	0 0
5,200	PROVIDENT FUND.							
6,000	3% Loan (1963-65)	95/9/-	4,969	4 0	4,819	12 0	149	8 0
	3½% G.P. Notes, 1900-01	94/0-	5,640	0 0	5,550	0 0	90	0 0
3,32,300			3,15,237	6 0	3,00,396	4 0	4,853	10 0
					*10,000	0 0	*12	8 0

1943]

Receipts and Disbursements.

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*Account.**1942.*

By Balance as per Balance Sheet	Rs. As. P.
			3,15,237 6 0

3,15,237	6	0
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STATEMENT No. 26.

Cash

For the year ended 31st

To	Rs.	As.	P.	Rs.	As.	P.
Balance from last Account	4,837	13	6			
General Fund Account	31,583	5	0			
Oriental Publication Fund No. 1 Account ..	7,857	2	6			
Sanskrit Manuscripts Fund Account ..	2,880	0	0			
Arabic and Persian Fund Account ..	2,500	0	0			
Barclay Memorial Fund Account ..	24	4	0			
Servants' Pension Fund Account ..	104	12	0			
Annandale Memorial Fund Account ..	138	8	0			
Permanent Library Endowment Fund Account ..	489	0	0			
Sir William Jones Memorial Fund Account ..	104	12	0			
Joy Gobind Law Memorial Fund Account ..	149	14	0			
Calcutta Science Congress Prize Fund Account ..	104	12	0			
Dr. Brühl Memorial Fund Account ..	34	12	0			
Pramathanath Bose Memorial Fund Account ..	47	9	0			
Provident Fund Account ..	1,402	5	0			
Advances Account ..	1,836	0	0			
Personal Account ..	14,317	2	6			
Publication Fund Account ..	2,570	3	3			
A.R.P. Fund Account ..	8,352	10	0			
Discussion Meetings Fund Capital Account ..	2,000	0	0			
Discussion Meetings Fund Running Account ..	152	8	0			
Savings Bank Deposit Account, Imperial Bank of India, Calcutta ..	1,933	0	0			
Fixed Deposit Account ..	20,000	0	0			
	1,03,420	4	9			

1942.

By	Rs. As. P.	Rs. As. P.
General Fund Account	40,495 11 5
Oriental Publication Fund No. 1 Account	11,362 3 5
Oriental Publication Fund No. 2 Account	2,939 14 0
Sanskrit Manuscripts Fund Account	11,285 14 0
Arabic and Persian Manuscripts Fund Account	216 8 0
Barclay Memorial Fund Account	16 9 0
Servants' Pension Fund Account	132 0 0
Joy Gobind Law Memorial Fund Account	359 14 0
Calcutta Science Congress Prize Fund Account	890 8 0
Building Repair Fund Account	104 13 6
Provident Fund Account	3 0 0
Advances Account	1,930 0 0
Personal Account	432 8 6
Publication Fund Account	4,775 6 0
Discussion Meetings Capital Account	2,000 0 0
Discussion Meetings Running Account	206 6 0
Savings Bank Deposit Account, Imperial Bank of India	3,238 5 0
Balance as per Balance Sheet—		
In hand	117 2 9
With the Imperial Bank of India, on Current Account	22,913 9 2
		<hr/>
		1,03,420 4 9

STATEMENT No. 27.

Balance

As at 31st

LIABILITIES.

	Rs. As. P.	Rs. As. P.
General Fund Account	2,89,182 13 11
Oriental Publication Fund No. 1 Account	16,350 7 9
Sanskrit Manuscripts Fund Account	9,440 8 0
Barclay Memorial Fund Account	767 5 8
Servants' Pension Fund Account	3,603 10 8
Annandale Memorial Fund Account	4,661 4 9
Permanent Library Endowment Fund Account	16,875 7 8
Sir William Jones Memorial Fund Account	3,283 7 0
Pramathanath Bose Memorial Fund Account	2,102 5 0
Joy Gobind Law Memorial Fund Account	2,923 12 0
Calcutta Science Congress Prize Fund Account	3,326 10 7
Dr. Brühl Memorial Fund Account	1,160 15 0
Building Repair Fund Account	5,281 12 0
Provident Fund Account	19,363 9 4
Publication Fund Account	7,394 5 3
A.R.P. Fund Account	8,352 10 0
Personal Account—Sundry Liabilities	446 13 0
		<u>3,94,517 13 7</u>

We have examined the above Balance Sheet and the appended detailed accounts with the Books and Vouchers presented to us and certify that they are in accordance therewith, and, in our opinion, set forth correctly the position of the Society as at 31st December, 1942.

PRICE, WATERHOUSE, PEAT & Co.,

Calcutta,
29th January, 1943.

Auditors,
Chartered Accountants,
Registered Accountants.

1943]

Receipts and Disbursements.

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Sheet.

1942.

December, 1942.

ASSETS.

	Rs.	As.	P.	Rs.	As.	P.
Oriental Publication Fund No. 2 Account	11,092	12	7			
Arabic and Persian Manuscripts Fund Account	1,960	3	3			
				13,052	15	10
Advances Account	3,522	0	0			
Personal Account—Sundry Outstandings ..	4,388	8	6			
				7,910	8	6
Discussion Meetings Fund Running Account	....			53	14	0
Deposits:—						
Savings Bank Deposit Account, Imperial Bank of India	5,232	5	4			
Fixed Deposit Account, Imperial Bank of India	30,000	0	0			
				35,232	5	4
Investments Account .. .. .	....			3,15,237	6	0
Cash Account:—						
In hand	117	2	9			
With the Imperial Bank of India, on Current Account	22,913	9	2			
				23,030	11	11
				3,94,517	13	7

C. W. GURNER,
Honorary Treasurer

[APPENDIX III.]

Abstract Proceedings Council, 1942.

(Rule 48 f.)

A.R.P. MEASURES.—Expenditure incurred due to A.R.P. measures taken. Approve action taken by the General Secretary with regard to the evacuation of the rest of the Society's valuable MSS. and rare books, and the expenditure incurred in this connection to be debited to the Sanskrit MSS. Fund Account and Oriental Publication Fund No. 1. No. 2(d), Fin. Com. 23-1-42.

Report on action taken by the General Secretary as A.R.P. measures: (a) Most valuable manuscripts, plates, etc., to Benares, (b) ten valuable paintings to the Government House at Darjeeling, (c) twenty-one busts, Asokan Stone, etc., to the Indian Museum. Approve action taken by the General Secretary. No. 15(1), Council. 29-1-42.

Further emergency measures taken concerning the evacuation of the rest of the Society's most valuable manuscripts, rare books, paintings, etc.: (a) Approve the measures taken by the General Secretary for the removal of the rest of the most valuable MSS., books, to Benares, (b) this consignment not be insured. No. 15(3), Council. 29-1-42.

Circular letter from Imperial Bank of India, Park Street, concerning the custodianship of the securities held by the Bank for safe custody during the emergency period, and reply thereto by the General Secretary. Action approved. No. 3(d), Fin. Com. 18-2-42.

Letter from Dr. S. L. Hora forwarding a scheme for 'Fire Fighting for the Buildings of the Society' prepared by himself and Dr. B. N. Chopra of the Zoological Survey of India. The thanks of the Council be conveyed to Dr. S. L. Hora and Dr. B. N. Chopra for their suggestions. After discussion it was resolved to constitute a Special Sub-Committee consisting of the ex-officio members, Sir John Lort-Williams and Dr. S. L. Hora as members with power to do whatever is necessary for further A.R.P. measures in the Society. No. 13, Council. 23-2-42.

The Acting General Secretary (Dr. S. L. Hora) placed before the meeting the A.R.P. (Fire-Fighting) Scheme for the Buildings of the Royal Asiatic Society of Bengal prepared by Drs. S. L. Hora and B. N. Chopra and a statement of the expenses incurred so far on A.R.P. measures. A statement of the general financial position of the Society was also examined. The Scheme was generally approved, subject to the following observations:

No steps should be taken to protect the main entrance hall for the time being as this portion of the Building may be acquired by the A.R.P. authorities to serve as a Public Shelter.

Instead of an expensive First-Aid Kit, the necessary articles should be purchased and kept in an ordinary wooden box.

Besides pickaxes and shovels, a few pairs of tongs for picking up phosphorus pellets should also be provided.

Instead of *Ohaubachas*, metal tanks, each costing about Rs.25, should be provided.

Application for the additional stirrup pump required should be made to the proper authorities so as to obtain it free of cost.

Ten reliable men living on the premises should be thoroughly trained in fire-fighting methods and on approved service should be given an allowance of Rs.3 per month. Mr. Gupta, a member of the staff trained for A.R.P. work, should be given an allowance of Rs.10 per month provided he trains the men in the mornings and undertakes to stay in the premises when an emergency actually arises.

The stirrup pump squad on the roof be provided with steel helmets.

It was not considered necessary to sink a tube-well on the premises.

It was not considered necessary to apply the Fire Resisting Paint. A.R.P. Sub-Com. 28-2-42.

The donation made by H.E. the Governor of Bengal, and the question of starting a fund for meeting the heavy expenditure incurred by the Society for evacuating valuable treasures for safe custody outside Calcutta. After discussion, it was resolved to appeal to the general body of members for donations and the following draft was approved to be issued:

'To

THE MEMBERS, ROYAL ASIATIC SOCIETY OF BENGAL.

Air Raid Precautions Fund.

At the Annual Meeting of the Society, held on the 2nd February, 1942, His Excellency Sir John Arthur Herbert, G.C.I.E., Governor of Bengal and Patron of the Society, in his address made the following observations regarding the Air Raid Precaution Measures which have been forced upon the Society in view of the existing emergency:

"Now that the war is closing in upon us in India the Society, looking to the future, has taken steps to safeguard its most valuable manuscripts and historical objects by sending them to Benares and elsewhere.

The cost of insurance, packing, freight, etc., has already amounted to Rs.7,000 and the total sum involved will be considerably more. This Society has to depend on the good will of scholars and public-spirited men devoted to the advancement of civilization and has no large funds at its disposal. The heavy burden of the extraordinary expenditure forced upon the Society by the exigencies of war must be met by some special means. I ask you, therefore, for further donations to the Society to ensure the safe custody of its ancient treasures and for the continuation of its valuable work. So as to start a subscription list I myself am giving Rs.500 towards this end.....

The Members of the Society are believers in the successful development of the true arts and it is our duty to maintain the treasures of the past for the benefit of future generations. It is for this that I appeal for donations to the Society in the sincere hope that my contribution will be followed by others."

The Council has decided to issue an appeal to the Members of the Society in the firm belief that the subscription list so auspiciously started by His Excellency will meet with a generous response. It is expected that at least Rs.15,000 will be needed to meet the cost of the A.R.P. measures and Members are earnestly requested to subscribe to the fund liberally. *No subscription can be either too large or too small and as a suggestion it might be, say, a minimum of one-tenth of a month's income.* No. 14, Council. 23-2-42.

The question of charging an extra amount upon all subscription bills in order to help defray expenses incurred by the Society in connection with the A.R.P. measures already taken. Until further orders add on all quarterly subscription bills the following:

Voluntary donation towards extra cost incurred = (Rs.11,000 odd) in removing to safety valuable possessions.	Rs.5-0-0
--	----------

Separate appeal to be sent to members paying annually or by means of bankers' orders, mentioning that members paying quarterly are being asked to add voluntary donation of Rs.5 to their quarterly payments and stating total cost incurred to date. No. 1, Council. 25-3-42.

Note from the Honorary Treasurer, dated 13-3-42, requesting the Council to authorize payment of the staff on the signature of the General Secretary and Honorary Treasurer alone without the formalities of counter-signature in the event of an emergency necessitating such action (referred by the Finance Committee to the Council). The General Secretary and/or the Honorary Treasurer be authorized to pay the staff in the event of any war emergency without requiring an order as prescribed in Rule 52. No. 8, Council. 25-3-42.

Letter from Dr. Baini Prashad, dated 20-3-42, requesting the Council of the Society to consider the removal to a place of safety at least 10 copies each of the various publications of the Society. Accept suggestion. No. 19, Council. 25-3-42.

Report receipt of donations of Rs.1,000 from Lt.-General Sir Kaiser Shumser Jung Bahadur Rana of Nepal and Rs.500 from the Maharajadhiraja of Darbhanga to the A.R.P. Fund of the Society. Record. Thanks of the Council to be conveyed to the donors. No. 2, Council. 22-5-42.

Letter, dated 28-5-42, from the Secretary to the Education Dept. Misc. Branch, Government of Bengal, intimating the sanction by the Government of a non-recurring grant of Rs.4,000 to the A.R.P. Fund of the Society. Action taken by the General Secretary approved. Thank Mr. Gurner for preparing the draft of the appeal to the Government. No. 1, Council. 10-6-42.

The question of removal of 10 each of the Society's various publications to Benares. Remove the complete sets to different places. Regarding storage space at Benares, Dr. B. Prashad be requested to advise on the matter. No. 12, Council. 13-7-42.

ANNUAL MEETING.—Letter from the Private Secretary to H.E. the Governor of Bengal, dated 15-1-42, intimating acceptance by His Excellency the invitation of the Society to preside over the Society's Annual Meeting on 2-2-42. Record. No. 1, Council. 29-1-42.

The question of inviting H.E. the Governor of Bengal to preside over the Annual Meeting of the Society in February, 1943. Invite. No. 9, Council. 14-12-42.

ASSOCIATE MEMBERS.—Letter from Dr. Meghnad Saha, dated the 16th June, forwarding a letter from Prof. P. C. Sen-Gupta and requesting the Council to pass a resolution that 'Prof. Sen-Gupta be awarded the title of Mahamahopadhyay'. Propose the name of Prof. Sen-Gupta for election as an Associate Member of the Society to the next Ordinary Monthly Meeting as prescribed in Rule No. 13. No. 11, Council. 13-7-42.

Re-election of two Associate Members after the completion of a term of five years. Propose the names of Rev. P. Johannis and MM. Ananthakrishna Sastry to the next Ordinary Monthly Meeting for re-election as Associate Members of the Society for a further period of five years as prescribed in Rules 2 and 13. No. 2, Council. 10-8-42.

Letter from the Most Rev. the Metropolitan of India, Burma and Ceylon, proposing the name of Mr. W. Birney for election as an Associate Member of the Society. The Metropolitan of India be requested to supply a complete list of Mr. Birney's publications for consideration of the proposal contained in his letter; meantime Mr. Birney be permitted to make use of the Society's library in accordance with the Library Regulations. No. 13, Council. 11-9-42.

Letter, dated 30-9-42, from Mr. W. Birney together with his publications in connection with his election as an Associate Member as proposed by the Metropolitan. Publications be sent to Dr. Kalidas Nag for favour of opinion. No. 14, Council. 5-10-42.

Opinion by Dr. Kalidas Nag on the letter addressed to him as per Council order of 5-10-42 in connection with the proposal by the Metropolitan of India for the election of Mr. W. Birney as an Associate Member of the Society. Propose the name of Mr. W. Birney for election as an Associate Member of the Society to the next Ordinary Monthly Meeting as prescribed in Rule 13. No. 18, Council. 23-11-42.

BIBLIOTHECA INDICA.—Grant of permission by the Nagri Pracharini Sabha of Benares to Mr. A. G. Shirreff, I.C.S., for publishing the English Translation of 'Padmavati' (Benares Edition) in the Bibliotheca Indica Series. Record. No. 3, Council. 20-2-42.

Letter, dated 20-4-42, from Mr. M. Wajahat Hosain requesting payment of editing fee of 'Bayazid Byat' amounting to Rs.127-8-0, due to his father, the late Dr. M. Hidayat Hosain. Pay to legal representatives. No. 2(a), Fin. Com. 15-5-42.

Letter from Mr. N. C. Vedantatirtha requesting to be allowed to edit and translate certain works in the Bibliotheca Indica Series. Mr. N. C. Vedantatirtha be requested to submit a report in connection with (i) the amount of work that remains to be completed; (ii) approximate time that will be required to complete the text in press copy; and (iii) statement as to the MS. material which will be at his disposal to bring out a good text of Kiranavali. No. 3, Bib. Ind. Sub-Com. 23-9-42.

The question of reprinting the price lists of the Society's publications. Complete and print as cheaply and neatly as possible. List of important articles from Journal and Memoirs should also be printed in the form of a price list. No. 4, Bib. Ind. Sub-Com. 23-9-42.

Consideration of reprinting the following works in the Bib. Ind. Series, which have been sold out and are in great demand: (a) Ain-i-Akbari, (b) Rasarnavam, (c) Suryasiddhanta, (d) Naradasmriti, and (e) Visnumriti. (i) Call for detailed information about their sales; (ii) enquire from Prof. P. C. Sen-Gupta of his willingness to see the proofs of Suryasiddhanta at the rate of As.8 per page. No. 5, Bib. Ind. Sub-Com. 23-9-42.

Descriptive Catalogue of Jaina Manuscripts in the Collection of the Society. Request Dr. Kalidas Nag to submit a report suggesting a suitable editor for the Catalogue and a financier to give a grant for the necessary expenditure of bringing out this work. No. 6, Bib. Ind. Sub-Com. 23-9-42.

CATALOGUES.—Consideration for the appointment of a new editor and reviser for the Arabic Catalogue of the Society left incomplete by the demise of Dr. M. Hidayat Hosain. Postpone for consideration by the next meeting; the General Secretary is to prepare a report with regard to the remaining volumes of the Catalogue, in consultation with the Joint Philological Secretary. No. 3, Pub. Com. 18-3-42.

Report of Dr. S. K. Chatterji on the Introduction to the Catalogue of Bengali manuscripts by Mr. J. N. Gupta. Print only 8 pages of the Introduction in consultation with Dr. S. K. Chatterji. No. 13, Pub. Com. 17-4-42.

Materials for the Arabic Catalogue left incomplete by the demise of Dr. M. Hidayat Hosain. The proposal of Prof. M. M. Haq be accepted. Thank Prof. Haq for his offer of editing the Arabic Catalogue without remuneration. No. 1, Pub. Com. 10-8-42.

Letter from the Joint Philological Secretary suggesting the name of Dr. S. A. Imam as the editor of the Catalogue of Arabic MSS. Accept the suggestion. No. 16, Council. 14-12-42.

COMMITTEES.—The constitution of various Standing Committees of the Society for the year 1942. The committees be constituted as under:—

(a) *Finance*: President, Treasurer, General Secretary (*Ex-officio*): Sir John Lort-Williams; Hon. Mr. Justice N. G. A. Edgley; Dr. S. L. Hora.

(b) *Library*: President, Treasurer, General Secretary (*Ex-officio*): Sectional Secretaries; Khan-Bahadur K. M. Asadullah.

(c) *Publication*: President, Treasurer, General Secretary (*Ex-officio*): Sectional Secretaries; Dr. S. K. Chatterji.

(d) *Bibliotheca Indica*: President, Treasurer, General Secretary (*Ex-officio*): Dr. S. K. Chatterji; Prof. M. M. Haq; Mr. V. Vedantatirtha; Dr. S. C. Law; Dr. M. Z. Siddiqi; Sir Jadunath Sarkar; Dr. Baini Prashad; Mr. T. N. Ramchandran.

No. 12, Council. 23-2-42.

The President raised the point of having more general meetings and discussions on matters of general interest. After discussion, it was resolved to constitute a Standing Programme Sub-Committee consisting of the ex-officio members (President, General Secretary and Treasurer), Sir John Lort-Williams and Dr. K. N. Bagchi as members, with power to arrange meetings of the Society so as to make them more interesting and popular for the Society's Members. No. 9, Council. 23-2-42.

Appointment of the Chairman and Secretary of the Committee. Sir John Lort-Williams and Dr. B. S. Guha be appointed as Chairman and Secretary of the Programme Sub-Committee respectively. Some ordinary members outside the Council be co-opted to the Programme Sub-Committee. No. 1, St. Prog. Sub-Com. 23-3-42.

Appointment of the Chairman and Secretary of the Library Committee in conformity with Rule 63. Dr. J. B. Grant and Dr. S. L. Hora be appointed as Chairman and Secretary respectively of the Library Committee. No. 1, Lib. Com. 10-4-42.

Appointment of the Chairman and Secretary of the Publication Committee in conformity with Rule No. 63. Dr. S. K. Chatterji and Dr. N. Dutt be appointed as Chairman and Secretary respectively of the Publication Committee. No. 1, Pub. Com. 10-4-42.

Appointment of the Chairman and Secretary of the Finance Committee in conformity with Rule No. 63. The subject referred to this Committee being *Finance*, the Committee thinks it desirable that the President and General Secretary should be the Chairman and Secretary of the Committee respectively and appoints them accordingly. No. 2, Fin. Com. 10-4-42.

Appointment of a Chairman and Secretary of the Bibliotheca Indica Sub-Committee in conformity with Rule 63. Dr. N. Dutt and Prof. M. M. Haq be appointed as Chairman and Secretary respectively of the Bibliotheca Indica Sub-Committee. No. 2, Bib. Ind. Sub-Com. 23-9-42.

Circular letter from the President and report and recommendations arising therefrom as a result of the Special Meeting of the Council held on 3-8-42. Refer to the Standing Programme Sub-Committee with power to act. The Hon'ble Mr. Justice N. G. A. Edgley and Mr. L. R. Fawcus be elected to serve as additional members of the Standing Programme Sub-Committee.

In carrying out the recommendations, the Committee must not involve the Society in any major financial commitments. No. 12, Council. 10-8-42.

COUNCIL.—The President informed the Council that he had designated, in accordance with the Provisions of Rule 47, Dr. S. L. Hora, Library Secretary, to carry on the duties of the General Secretary during the latter's absence from Calcutta and now he wished the approval of the Council for this action and for the continuance of the arrangements till the return to Calcutta of the General Secretary. The Council approved the arrangements made. *Preli. Council.* 23-2-42.

Letter from Dr. B. S. Guha, General Secretary, dated 29-4-42, intimating absence from Calcutta for three months from 1st May, 1942. Dr. Hora, Library Secretary, be requested to carry on the duties of the General Secretary in addition to his own, for the time being, and to write to Dr. Guha, explaining the position under the rules and requesting him to tender his resignation so as to enable the Council to put the matter in order. No. 8, Council. 22-5-42.

Letter from the General Secretary, Dr. S. B. Guha, dated 11-7-42, to the President.

In view of the circumstances explained in the letter, it was resolved to treat the letter of Dr. Guha as his resignation of the office of General Secretary of the Society, and to appoint Dr. S. L. Hora, Library Secretary, in his place, subject to confirmation by the next Ordinary Monthly Meeting as prescribed in Rule 45.

It was also resolved to convey the cordial thanks and appreciation of the Council to Dr. Guha for the valuable services rendered by him as General Secretary of the Society since July 1939. No. 13, Council. 13-7-42.

Letter from Dr. M. N. Saha, dated 8-8-42, proposing that Dr. R. C. Majumdar be appointed as a Member of Council to fill up the vacancy caused by the resignation of Dr. B. S. Guha, appointment of Dr. Hora as General Secretary and his resignation as Library Secretary. Dr. R. C. Majumdar be nominated as Library Secretary subject to the confirmation of the next Ordinary Monthly Meeting as prescribed in Rule 45. No. 11, Council. 10-8-42.

Preliminary Report of the Sub-Committee appointed by the Council on 23-11-42. Adopt. On the proposal of the Honorary Treasurer, it was resolved that the budget for the coming year be so adjusted as to avoid increase in total normal expenditure owing to the new arrangement. No. 1, Sp. Council. 4-12-42.

Informal consideration of composition of Council for 1942-43. At the outset, Dr. Hora, the General Secretary, intimated that owing to pressure of work, it would not be possible for him to carry on the duties of the General Secretary and requested the Council to relieve him of his office with effect from the 8th December.

In compliance with the request, it was resolved to accept his resignation of the office of General Secretary, and to appoint Dr. Kalidas Nag, Historical and Archaeological Secretary, in his place, subject to confirmation by the next Ordinary Monthly Meeting as prescribed in Rule 45.

It was also resolved to appoint Dr. R. C. Majumdar, Library Secretary, as Historical and Archaeological Secretary, and Dr. S. L. Hora as Library Secretary, in place of Dr. Nag and Dr. Majumdar respectively subject also to confirmation as prescribed in the said Rule.

After discussion with regard to the nomination of persons for election to next year's Council, the following were informally nominated to be voted upon at the next meeting of the Council in December.

President

Dr. Syamaprasad Mookerjee, M.A., B.L., D.Litt., Barrister-at-Law.

Vice-Presidents

Dr. C. S. Fox, D.Sc., M.I.Min.E., F.G.S., F.N.I., F.R.A.S.B.
 Sir John Lort-Williams, Kt., K.C.
 Dr. Meghnad Saha, D.Sc., F.R.S., F.N.I., F.R.A.S.B.
 Dr. S. C. Law, M.A., B.L., Ph.D., F.Z.S., M.B.O.U., F.N.I.

Secretaries and Treasurer

General Secretary.—Dr. Kalidas Nag, M.A., D.Litt.
 Treasurer.—C. W. Gurner, Esq., C.S.I., I.C.S.
 Philological Secretary.—Dr. Nalinaksha Dutt, M.A., Ph.D., D.Litt.
 Joint Philological Secretary.—Dr. M. Z. Siddiqi, M.A., Ph.D.
 Natural History Secretaries:
 Biology.—Dr. S. P. Agharkar, M.A., Ph.D., F.N.I.
 Physical Science.—Dr. K. N. Bagechi, B.Sc., M.B., F.I.C., D.T.M., F.N.I.
 Anthropological Secretary.—Dr. W. G. Griffiths, M.A., B.D., B.Sc., Ph.D.
 Historical and Archaeological Secretary.—Dr. R. C. Majumdar, M.A., Ph.D., F.R.A.S.B.
 Medical Secretary.—Dr. J. B. Grant, M.D., M.P.H., F.A.P.H.A.
 Library Secretary.—Dr. Sunder Lal Hora, D.Sc., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B.

Other Members of Council

The Hon'ble Mr. Justice N. G. A. Edgley, M.A., I.C.S., J.P., Barrister-at-Law.
 L. R. Fawcus, Esq., C.I.E., I.C.S.
 Dr. B. C. Law, M.A., B.L., Ph.D., D.Litt., F.R.G.S., F.R.A.S.B.
 Dr. M. Ishaque, M.A., B.Sc., Ph.D.

Informal consideration of composition of Council for 1943-44. It was resolved that the list of candidates proposed at the Special Meeting of the Council on 4-12-42, including the name of Mr. Percy Brown, be the Council's nominees for election to next year's Council, and to order it be sent out to the Resident Members as prescribed in Rule 44. No. 11, Council. 14-12-42.

DISCUSSION MEETINGS.—Monthly meetings for discussion with an opener. (a) Monthly meetings for discussion to be held once a month with an opener, who should not take more than 15 minutes to introduce the topic—to be followed by a discussion lasting for about 45 minutes. Ordinary members wishing to take part in the Discussion Meetings may be asked to inform the Secretary regarding topics they would like to have discussed one month before. (b) Prof. S. K. Chatterji be requested to name subject and open the first discussion. No. 4, St. Prog. Sub-Com. 23-3-42.

Should visitors be invited? No objection to the visitors being invited to the Discussion Meetings. No. 5, St. Prog. Sub-Com. 23-3-42.

The General Secretary is requested to draw up a draft of Regulations for 'Discussion', upon the lines of the Regulations for Lectures, for approval by the Council. No. 20, Council. 25-3-42.

Draft Regulations regarding Discussion Meetings. Recommend the Regulations for adoption by the Council. No. 2, St. Prog. Sub-Com. 7-7-42.

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Adoption of the Regulations regarding 'Discussion Meetings' recommended by the Standing Programme Sub-Committee. Adopt. Report for information of the next Ordinary Monthly Meeting as prescribed in Rule 48(a). No. 7, Council. 13-7-42.

Circular letter from the President, and report and recommendations arising therefrom as a result of the Special Meeting of the Council held on 3-8-42. Refer to the Standing Programme Sub-Committee with power to act. The Hon'ble Mr. Justice N. G. A. Edgley and Mr. L. R. Fawcus be elected to serve as additional members of the Standing Programme Sub-Committee.

In carrying out the recommendations, the Committee must not involve the Society in any major financial commitments. No. 12, Council. 10-8-42.

Circular letter from the President, and report and recommendations arising therefrom as a result of the Special Meeting of the Council held on 3-8-42. Hold an inaugural Discussion Meeting on Thursday, the 27th August, 1942. The meeting to begin with tea and light refreshments in the hall of the Society at 5 p.m. to be followed by an informal discussion. Major Harry Hobbs be requested to open the discussion on 'Old Calcutta'.

Invitation to the meeting be sent to all the Resident Members of the Society and invitation cards be printed and forwarded to Brigadier Williams for distribution among the Officers of various regiments now stationed in Calcutta with a covering letter by the President giving details of the scheme and asking his views as to the manner in which it might be developed. No. 2, St. Prog. Sub-Com. 13-8-42.

Report receipt of Rs.2,000 from H.E. the Governor of Bengal out of the War Purposes Fund to meet the capital expenditure in connection with the Discussion Meetings. Record with thanks. No. 4, Council. 11-9-42.

Bill, dated 12-9-42, for Rs.30 from Radio Supply Stores Ltd. on account of hire charges of microphone for the Discussion Meeting on 10-9-42 was considered and it was decided to pay it out of the grant for Rs.2,000 made by His Excellency from the War Purposes Fund. No. 2, St. Prog. Sub-Com. 22-9-42.

With regard to recurring charges incurred in connection with the Discussion Meetings, it was decided that the charges for printing and postage of meeting notices and electric current should be borne by the Society, while a special account should be maintained for income and expenditure for refreshment and other contingent charges. If this account runs into a deficit exceeding a sum of Rs.50, the matter should be reported to the Council. A separate account should be maintained of the expenditure incurred from the grant of Rs.2,000 made by His Excellency from the War Purposes Fund. No. 3, St. Prog. Sub-Com. 22-9-42.

It was decided that a Stock Register of the articles purchased out of the grant made by His Excellency should be maintained and that after each meeting the stock should be checked and carefully stored away. No. 5, St. Prog. Sub-Com. 22-9-42.

Consideration of the purchase of a loud-speaker for the Discussion Meetings and a letter, dated 26-10-42, from the Honorary Treasurer enclosing copy of a letter, dated 1-10-42, from Mr. Baker, Additional Secretary to H.E. the Governor of Bengal. Purchase and report to the Council. No. 4, St. Prog. Sub-Com. 2-11-42.

The question of purchase of a speech equipment as proposed by the Standing Programme Sub-Committee. Approve proposal of the Standing Programme Sub-Committee. Supplement contribution from H.E.'s

War Purposes Fund by a sum of Rs.250 if found necessary from the Society's General Fund. No. 4(c), Fin. Com. 20-11-42.

Minutes of the Standing Programme Sub-Committee on 2-12-42. Accept. In view of the fact that the expenses in connection with the Discussion Meetings are found to be higher than the income, it was resolved that the Society's donation be raised from Rs.50 to Rs.100 for the current year. No. 13, Council. 14-12-42.

EXCHANGES.—Application for an exchange of publication from the Missouri Academy of Science, U.S.A. Exchange with the Science volume of the Journal beginning with Vol. VIII, 1942. No. 2, Lib. Com. 10-6-42.

Circular letter from the Royal Irish Academy, Dublin, intimating that the Proceedings of the Academy sent in exchange of our Journal, Year-Book and Memoirs will not be despatched till conditions become normal. To be recorded. No. 2, Lib. Com. 13-7-42.

A request from the Indian Ceramic Society to exchange their Transactions with our publication. To be exchanged with the Science part of the Journal starting from Vol. VIII, 1942. No. 2, Lib. Com. 10-8-42.

FINANCE.—Some points concerning the Publication Fund Accounts (Statement No. 19), in the Annual Statement of Accounts. (a) The amount of Rs.6,471-13-6 shown under heading Publications on page (ii) of the Abstract Statement of Accounts for 1941 as cost of printing of publications during 1941 to be debited to the Publication Fund. (b) Also resolved: That the grant of Rs.1,600 received from the Government of Bengal for publication of Journal, Proceedings and Memoirs, should also be credited to the same fund, and that in future the same procedure should be followed. No. 2(c), Fin. Com. 23-1-42.

Auditors' Report for the year 1941. Record. Immediate steps be taken for the recovery of arrears mentioned in the report and write off those that appear to be irrecoverable. No. 3(b), Fin. Com. 20-2-42.

The question of investment of Rs.10,000 in $3\frac{1}{2}\%$ War Loan as recommended and accepted by the last meeting of the Finance Committee and Council respectively. Rs.10,000 to be invested in 3% War Loan and the investment to be shown against the various accounts from which the several sums making up the total amount will be taken. No. 2, Fin. Com. 10-8-42.

The question of re-appropriation of the general binding fund (Library) for the purpose of binding of Arabic MSS. Rs.200 to be re-appropriated from the general book binding allotment for binding of the Arabic MSS. The Joint Philological Secretary be requested to examine and report on the manuscripts needing binding and repairs. No. 13, Fin. Com. 11-9-42.

GENERAL LECTURES.—Suggestion for making some minor amendments in the existing Regulations regarding General Lectures. Recommend the amended Regulations regarding General Lectures for adoption by the Council. No. 3, St. Prog. Sub-Com. 7-7-42.

Report by the General Secretary on getting the loan of cine-film projector for the General Lectures of the Society on 24th November and 8th December through the kind offices of Dr. J. B. Grant, Director of the Institute. Record with thanks to Dr. Grant. No. 17, Council. 23-11-42.

Offer by Mr. R. M. Hawes, 101, Clive Street, of giving a General Lecture to the Society. Mr. Hawes be asked to give a communication to the Monthly Meeting of the Society in the first instance. No. 2, St. Prog. Sub-Com. 2-12-42.

LIBRARY.—Letter from Mr. O. C. Gangoly of 15-1-42, suggesting acquisition of certain Journals devoted to Indian Culture as per list sent. The list was referred to Khan Bahadur Asadullah by the Library Committee of January 1942 for details about the Journals suggested therein. Khan Bahadur Asadullah supplied details only about a few of the Journal from the records in the Imperial Library. Enquire if the Journals are available in the Art Section of the Indian Museum or in the Library of the Bengal Government School of Art. No. 5, Lib. Com. 20-2-42.

Dr. Kalidas Nag suggested that measures should be taken for the preservation and safe custody of the Society's old records. Agree. The work of preservation be carried out under the direction of Dr. K. N. Bagchi. No. 6, Lib. Com. 20-2-42.

Application from the Librarian, Punjab University, Lahore, dated 17-2-42, requesting permission for copying the MS. 'Anupada Sutram' which is with him on loan from the Society. Grant. No. 15. 23-2-42.

Letter from the Jt. Editor, Journal of the Music Academy, Madras, requesting the Society to subscribe to his Journal. Subscribe. No. 1, Lib. Com. 18-3-42.

List of members who have not returned the books to the Society's Library in spite of several reminders. Enforce the Library Regulations. No book be issued to such who contravene them. Personal letters be sent to all who have not returned the books after three months. No. 3, Lib. Com. 10-4-42.

Report of return of 6 books by Mr. H. K. Deb, which were issued on loan in 1932-33. Record with thanks to the General Secretary for his efforts in recovering these books. No. 4, Lib. Com. 10-4-42.

The question of subscribing to 'The New Indian Antiquary' (yearly subscription, Rs.12). Subscribe from the first number of the Journal. No. 1, Lib. Com. 15-5-42.

The Chairman (Dr. J. B. Grant) raised the point of the actual mode of administration of the Library and particularly about the functions of the Librarian. It was resolved to request the General Secretary to prepare a note about these matters for circulation to the members of the Library Committee. No. 4, Lib. Com. 10-6-42.

Dr. Kalidas Nag requested the Chairman to use his personal influence for obtaining the catalogues and the publications of the Library Association of America, Rockefeller Foundation (Humanities Section), and Carnegie Institute for the Society's Library. No. 5, Lib. Com. 10-6-42.

Report by the Library Secretary on the return of books borrowed from the Library. To be recorded; Sir U. N. Brahmachari be requested to make good the loss of the Year-Books of the Society for 1934 and 1940 which are still outstanding against his name in Library Registers. No. 1, Lib. Com. 13-7-42.

Report receipt of the Year-Books of 1934 and 1940 as presentation from the Royal Society, London. Thanks of the Society be conveyed to the Royal Society for this presentation. The amount of Rs.10 given by Sir U. N. Brahmachari be credited to the general account of the Society. No. 2, Council. 23-11-42.

Report on repairing the Karli Album. To be recorded; a bill for repairing the Album amounting to Rs.50-10-0 be presented to Dr. St. Kramrisch for payment. No. 4, Lib. Com. 13-7-42.

Report on the administration of the Library and on the functions of the Librarian by the General Secretary. A Sub-Committee be formed

consisting of the ex-officio members, Dr. J. B. Grant and Khan Bahadur K. M. Asadullah to look into the matter and report. No. 3, Lib. Com. 10-8-42.

Fixing the office and Library hours as a result of the change in the Indian Standard Time with effect from 1st September, 1942. Office and Library from 10 a.m. to 5 p.m., and 10 a.m. to 2 p.m. and 10 a.m. to 5 p.m. on Saturdays respectively. No. 9, Council. 10-8-42.

Request from the Secretaries, Bharatiya Visya Bhavan, dated 5-9-42, for permission to have chapters 1 and 99 of the Vayu Purana manuscript copied for their use. Grant. The Secretaries be asked to make proper acknowledgment in the event of using the copy for any publication by their institution. No. 18, Lib. Com. 11-9-42.

Application from the Library staff to close the Library during the ensuing Puja holidays. In view of the exceptional circumstances prevailing in these days, Library to remain closed during the Puja holidays, this is not to serve as precedent for the future. No. 2, Lib. Com. 5-10-42.

Report of the Library Sub-Committee which met on 19-8-42, 16-9-42 and 2-10-42 to look into the administration of the Society's Library and the functions of the Librarian. Thanks to members of the Library Sub-Committee and especially to Khan Bahadur K. M. Asadullah for his valuable report on the working of the Library. Report approved. No. 3, Lib. Com. 5-10-42.

Question of subscribing to the—(1) Modern Review—Rs.8 per year; (2) Report of the British Association for the Advancement of Science (5sh. a quarterly number), and acquisition of back numbers; (3) Chronica Botanica—\$7.50 annually. Subscribe to Modern Review and Report of the British Association for the Advancement of Science. Back numbers of the latter to be purchased. Exchange Science number of Journal for Chronica Botanica. Offer 'Letters' volume of Journal for exchange with the Proceedings of the British Academy. No. 4, Lib. Com. 5-10-42.

Report of the presentation by the Royal Society of London of its Year-Books for 1934 and 1940. Record with thanks to Royal Society of London. No. 3, Lib. Com. 20-11-42.

LOAN OF MANUSCRIPTS.—Letter from the Keeper of the Records of the Government of India, dated 14-2-42, requesting the return of the 36 Turki Books and MSS. lent to the Society in 1920. Return. Request for the payment of incidental expenses incurred for returning the books and MSS. No. 2, Council. 20-2-42.

Application from the Registrar, Madras University, requesting an extension of the period of loan of the three MSS. of Vedantakaumudibhasyadipika and Raghuvamsa for three months. Grant as a special case, but the applicant be informed that further extension will not be granted. No. 10, Council. 23-2-42.

Application for extension of the period of loan of three MSS. from the Punjab University, Lahore. Grant extension for a further period of two months. No. 4, Council, 25-3-42.

Application from the Librarian, Punjab University Library, Lahore, for an extension of the loan of three MSS. (Anupadasutram, Kalpanupadasutram, Tandalakshana-Sutram) for a further period of two months from 21-4-42. Grant and intimate that no application for further extension can be entertained. No. 12, Council. 17-4-42.

MEDALS.—Recommendations of the meeting of the Paul Johannes Brühl Memorial Medal Advisory Board, held on 15-1-42. Accept. The existing Regulations governing the award of the Brühl Memorial Medal be

amended in accordance with the terms of the Trust by a Special Committee appointed for the purpose, and the medal be awarded in the Annual Meeting of 1943. No. 12, Council. 29-1-42.

The question of striking the 'Joy Gobind Law Memorial' Medal owing to the high price of gold. As the donor, Dr. S. C. Law, has agreed to pay the extra sum required for striking the Joy Gobind Law Medal in gold, it was resolved to accept the offer of Dr. Law with the thanks of the Society. No. 13, Council, 29-1-42.

Letter from Dr. S. C. Law of 17-4-42 forwarding a cheque for Rs.45-2-0 to meet the extra cost for striking the 'Joy Gobind Law Memorial' Medal in gold. Record. Thanks of the Society be conveyed to the donor. No. 14, Council. 17-4-42.

Appointment of a Special Committee to amend the Regulations regarding the award of the Brühl Memorial Medal as ordered by the Council. A Sub-Committee be constituted consisting of the ex-officio members (President, Treasurer and General Secretary), Sir John Lort-Williams and Dr. S. P. Agharkar. No. 15, Council. 11-9-42.

Appointment of Advisory Board for the award of Annandale Memorial Medal. Ex-officio members, Mr. J. P. Mills, Dr. D. N. Majumdar (Lucknow) and Dr. K. P. Chattopadhyaya (Calcutta). No. 3, Council. 5-10-42.

Regulations regarding the award of the Paul Johannes Brühl Memorial Medal, recommended by the Special Committee appointed by the Council. Adopt with the modifications suggested by Sir John Lort-Williams. No. 3, Sp. Council. 4-12-42.

Recommendations of the Annandale Memorial Medal Advisory Board. Accept the recommendation, Dr. B. S. Guha. No. 6, Council. 14-12-42.

Recommendation of the Paul Johannes Brühl Memorial Medal Advisory Board. Accept the recommendation, Rao Bahadur G. N. Rangaswami Ayyangar. No. 6, Council. 14-12-42.

MISCELLANEOUS.—Application from Dr. G. Matthai, Punjab University, Lahore, requesting a loan of 34 blocks for reproduction in a monograph of 'The Fishes of Lahore' by Nazir Ahmed to be published in the Bulletin of the Department of Zoology, Punjab University, Lahore. Grant. The author be asked to make suitable acknowledgment in the event of publishing the monograph. No. 11, Council. 23-2-42.

Letter, dated 7-11-42, from the President, East Indies Institute of America, New York, inviting any suggestion as to ways in which his institution can co-operate with our Society for the furtherance of study and research. Record and write saying that under present conditions it is difficult for the Society to make any useful suggestions, but the Society is willing to consider favourably any suggestions which the Institute may care to make. No. 2, Council. 25-3-42.

Letter from the Registrar, High Court, Calcutta, dated 20-3-42, enquiring whether the Society would be prepared to accept certain old records of the Sadar Diwani and Sadar Nizamat Adalats before they are destroyed by the High Court. Mr. Justice Edgley be requested to examine the records in consultation with Dr. Kalidas Nag and submit a report to the Council. The Registrar of the High Court be informed accordingly, and requested to preserve the records meanwhile. No. 17, Council. 25-3-42.

Report by the Hon'ble Mr. Justice N. G. A. Edgley and Dr. Kalidas Nag on certain old High Court records which were offered as presentation to the Society by the Registrar of the High Court. Thank the Hon'ble Mr. Justice N. G. A. Edgley and Dr. Kalidas Nag for the report.

Mr. Justice Edgley be requested to draft a letter to be addressed to the High Court on behalf of the Council embodying the recommendations made in the report. No. 11, Council. 22-5-42.

Report of presentation of the first four volumes of the 'Indian Culture' by Dr. B. C. Law. Thank Sir John Lort-Williams for his kind offices in the matter. No. 2, Council. 11-9-42.

Letter, dated 31-10-42, from the Bengal Telephone Corp'n. Ltd. intimating levying of a surcharge on telephone bills with effect from 1st December, 1942. Agree to the surcharge. No. 4(a), Council. 20-11-42.

NUMISMATICS.—Letter from Mr. J. P. Mills, Honorary Provincial Director of Ethnography, Assam, dated 28th May, enquiring on behalf of H.E. The Governor of Assam, whether the Society through its Members and Fellows would undertake the duties of Honorary Numismatist to the Government of Assam. Write to Mr. Mills intimating him that the Society is willing to undertake the duties of Honorary Numismatist to the Government of Assam through its Members and Fellows. No. 10, Council. 13-7-42.

PUBLICATION.—Suggestions by Dr. S. L. Hora, General Secretary, for adopting certain procedure for expediting the publications of papers in the Journal. Accept the suggestions as follows:

- (1) The date of receipt of the article should also be printed along with the date of its publication.
- (2) If the report of the referee or referees is favourable, and there are no unfavourable comments by the members of the Publication Committee during circulation, the General Secretary may send the paper to the press for composition after making suitable arrangements for its being read at the subsequent Ordinary Monthly Meeting.
- (3) Only when the paper is to be rejected, it should be placed before the Publication Committee for discussion. The papers accepted by the General Secretary, in accordance with (2) above, should only be reported. It may be noted that the Publication Committee only meets for ten minutes once a month.
- (4) Each article should be published separately and when a sufficient number of pages and plates have been printed, they should be bound and issued as a part. The aim should be to issue one part every quarter. No. 3, Pub. Com. 11-9-42.

Circular letter from the Government of India on the subject of economy in the use of paper. (i) From the 1943 volume of the Journal print 850 copies. (ii) A circular letter to be sent to members enquiring whether they would like to have 'Letters' or 'Science' volume or both. (iii) Print only 500 copies of the Catalogues of Sanskrit MSS. in the R.A.S.B. on Astronomy and Astrology and on Philosophy respectively. No. 1, Pub. Com. 5-10-42.

Report on completion of Journal for the year 1942. Record with thanks to the General Secretary. It was resolved that an effort should be made to have the Year-Book for 1942 published by April 1943. It was also resolved that the Abstract Statement of Accounts, Abstract Proceedings of Council and Member list of the Society, which are distributed at the Annual Meeting, be not printed with a view to effect economy in the use of paper, but to satisfy the requirements of Rule 48(f), these should be put up on the table for the inspection of members. It was also decided that in the Year-Book for 1942 only changes in the Membership list should be indicated and that the full list should not be printed. No. 2, Pub. Com. 20-11-42.

Note by the Honorary Treasurer with regard to the publication of the Year-Book for 1942. The General Secretary to use his discretion in the matter of reducing the number of pages to be printed of the Year-Book for 1942 as far as practicable. No. 1, Pub. Com. 14-12-42.

REPRESENTATION.—Letter from the General Secretary, National Academy of Sciences, Allahabad, dated 23-1-42, requesting the Society to send delegates to their Annual Conference at Agra from 13th to 15th February, 1942. Dr. Saha be requested to represent the Society; if not convenient to him, request Dr. J. N. Mukherjee. No. 20, Council. 29-1-42.

Letters from Dr. M. N. Saha and Dr. J. N. Mukherjee intimating their inability to represent the Society at the Annual Conference of the National Academy of Sciences at Agra from 13th to 15th February, 1942. Record. No. 2, Council. 23-2-42.

Representative of the Society at the Silver Jubilee Celebrations of the Bhandarkar Oriental Research Institute, Poona, on the 4th and 5th January, 1943. Enquire from any of the members of the Society going to Bombay to attend the celebrations and arrange for the representation accordingly. No. 15, Council. 14-12-42.

REQUESTS.—Letter from the Sanskrit Sahitya Parishad, Calcutta, enquiring whether it would be possible for the Society to temporarily take over their Library under the Society's protection during the period of emergency. Write a polite letter expressing regret at Society's inability to house their collection. No. 10, Council. 29-1-42.

Request from the Consul-General for China for permission to use the Society's hall on Tuesday, the 15th September, 1942. Grant. No. 17, Council. 11-9-42.

Letter No. 7619, dated 21-9-42, from the Director, All-India Institute of Hygiene and Public Health, requesting the loan of the Society's Graflex Photorecord Camera. Recall from the Geological Survey of India Society's Graflex Photorecord Camera and give it on loan to All-India Institute of Hygiene and Public Health for a period of six months in the first instance on an assurance being given by Dr. Grant about its safety and integrity. No. 4, Council. 5-10-42.

Letter from the Director, Geological Survey of India, with regard to the Photostat Camera which is in his office on loan from the Society. Dr. Fox be allowed to keep the Camera on condition that if any member of the Society wishes to make use of it he be requested to get the work done by experts in his office. No. 8, Council. 23-11-42.

Request for the use of the Society's hall on Friday, the 15th January, 1943, from the Mining, Geological and Metallurgical Institute of India. Grant on usual charge of Rs.10. No. 16, Council. 23-11-42.

STAFF.—The question of confirmation of appointment of G. N. Bhattacharya as Pandit of the Society (working on probation for six months with effect from 1-5-41). (This item was referred to the Philological Secretary for opinion by the last Council.) Accept recommendation of the Philological Secretary, confirm G. N. Bhattacharya as Pandit of the Society on the junior scale of Rs.50—3—80. No. 11, Council. 29-1-42.

Report of dismissal of bearer, Lakshman Missir, for disobeying orders. Approve action taken by General Secretary. No. 21, Council. 29-1-42.

Matters concerning Dharamdeo Missir, Collecting Sircar, of the Society. Give a warning in writing to the Collecting Sircar to the effect that his services would be dispensed with in case of occurrence of a similar complaint in the future. No. 22, Council. 29-1-42.

Application from the menial staff of the Society for Grain Allowance. An allowance of Re.1 be given to those members of the menial staff whose salary is up to Rs.20 and a special allowance of Re.1 be given to those whose salary does not exceed Rs.25 per month from March 1942. No. 3(c), Fin. Com. 20-2-42.

Report by the General Secretary of the absence of Mr. J. C. De (Assistant Secretary in charge of the Library) and Babu H. B. Banerjee (temporary filing clerk) without his permission. Treat both cases as absence without leave involving forfeiture of pay in conformity with No. 6 of the 'Regulations regarding leave and late attendance in the Office', and ask for explanation for such absence. No. 16, Council. 17-4-42.

Consideration of the services of Mr. J. C. De, Assistant Secretary, who was placed in charge of the Society's Library on an experimental basis for six months with effect from 1st December, 1941. On the basis of the experimental measure already agreed to by the Council, it was resolved to extend the experimental period for another 6 months with effect from 1-6-42 and upon the same terms. No. 9, Council. 22-5-42.

Consideration of the services of Mr. J. C. De whose probationary period expires on 1-12-42. The probationary period be extended for another month with effect from 30-11-42. No. 15, Council. 23-11-42.

Application from the senior clerical staff of the Society for War Allowance. Grant a War Allowance of one anna per rupee on actual amount of salary to all those drawing above Rs.50 per month, and the same to take effect from the date on which general War Allowance was given to other members of the staff.

It was also resolved to request Dr. Hora to scrutinize the present staff establishment of the Society in relation to the actual work in the Society under the existing emergency conditions and to report to the Council if any reduction in expenditure can be effected. No. 9, Council. 10-6-42.

To effect economy in expenditure, it was resolved that vacancies occurring on the staff of the Society should not be filled without the previous sanction of the Council. No. 14, Council. 13-7-42.

Application from certain members of clerical and menial staff for enhancement of War Allowance. The General Secretary to put up proposals for equalizing extra expenditure involved with regard to the War Allowance by reduction of temporary staff. No. 2, Fin. Com. 11-9-42.

Note by the General Secretary concerning Dearness Allowance to staff (deferred by the last Council). A Sub-Committee consisting of the ex-officio members (President, General Secretary and Honorary Treasurer), Sir John Lort-Williams, Dr. S. P. Mookerjee, Dr. M. N. Saha and Dr. R. C. Majumdar be constituted to enquire into and report within two weeks upon the working of the system of administration of the Society which was recommended by the late Enquiry Committee, and suggest what (if any) alterations or amendments are necessary, and upon the recommendations of the Library Committee and the General Secretary regarding the Library system and the staff generally. No. 12, Council. 23-11-42.

Application from the office staff for fixing the attendance from 10-30 to 5 p.m. Office attendance from 10 a.m. to 5 p.m. in conformity with the Society's Rules and Regulations (No. 77 of the Society's Rules and No. 9 of the Regulations regarding leave, late attendance, etc.). In case of late attendance apply rules. No. 17, Council. 14-12-42.

Addenda
to
List of Patrons, Officers, Council
Members, Members, Fellows,
and Medallists
of the
Royal Asiatic Society of Bengal
on the 31st December, 1941

NEW MEMBERS, 1942.

R=Resident. N=Non-Resident. F=Foreign. L=Life.

Date of Election.		
2-11-42	R	Akbar, M. (NEDVI), M.A., <i>Lecturer, Calcutta University.</i> 106, Harrison Road, Calcutta.
1-6-42	R	Alimuddin, M. S., <i>Mutwalli to the Wafk Estate, Khan Sahib M. S. Azizuddin, Landlord.</i> 73, Narkeldanga Main Road, Calcutta.
2-11-42	N	Aucott, Mrs. ANNE, <i>Teacher, Rathlin Hall School.</i> Darjeeling.
7-3-27	R	Bake, ARNOLD ADRIAAN, M.A. (OXON.), D.LITT. 116, Stephen House, Dalhousie Square, Calcutta.
2-11-42	R	Bhagat, PHOOLCHAND, <i>Mill Owner and Merchant.</i> Bhagat Villa, Grand Trunk Road, Konnagar, Dist. Hooghly.
2-11-42	L	Dhiman, MEHAR CHAND, <i>Merchant.</i> Tulsi Niwas, 115, Benares Road, Salkia, Howrah.
1-6-42	R	Ghose, RABINDRA CHANDRA, <i>Barrister-at-Law.</i> 10, Debendra Ghose Road, Bhawanipur, Calcutta.
1-6-42	R	Ghosh, PRAKRITY KUMAR, M.SC., PH.D., D.SC., D.I.C., F.N.I., <i>Geologist, Geological Survey of India.</i> 27, Chowringhee, Calcutta.
2-11-42	R	Gupta, PRATUL CHANDRA, M.A., PH.D., <i>Lecturer, Calcutta University.</i> 125, Rash Behari Avenue, Calcutta.
2-11-42	R	Hawes, ROBERT MARTIN, <i>Mercantile Assistant.</i> 101, Clive Street, Calcutta.
2-11-42	R	Hendrie, JAMES HALKETT, <i>Associate Member, Institution of Mechanical Engineers, Major, Bengal Artillery A.F.I., Manager, Calcutta Branch, Parry & Co., Ltd.</i> 19, British Indian Street, Calcutta.
3-8-42	R	Hosain, SAIYID WAJAHAT, M.A., B.T., <i>Assistant Inspector of Schools for Muslim Education, Presidency Division.</i> 172-26B, Lower Circular Road, Calcutta.
7-12-42	R	Ishaque, MOHAMMAD, M.A., B.SC., PH.D. (LOND.), <i>Lecturer, Calcutta University.</i> 159-B, Dhurumtollah Street, Calcutta.
1-12-41	N	Majumdar, DHIRENDRA NATH, M.A., <i>Lecturer in Anthropology, Lucknow University.</i> Lucknow.
2-11-42	R	Matthews, HENRY IDRIS, <i>Indian Ordnance Services, Director of Factory Recruitment.</i> Bengal United Service Club, 29, Chowringhee, Calcutta.
2-11-42	N	Mitra, BHUPENDRA NATH, D.SC. (DACC), PH.D. (MINNESOTA), <i>Member of the Society of Sigma xi (America), Asst. Inspector of Armaments.</i> Kirkee, Poona.

Date of Election.		
2-11-42	R	Norman, G. A. S., <i>Agent, The Standard Life Assurance Co., Ltd.</i> 32, Dalhousie Square, Calcutta.
3-8-42	N	Rath, PURNA CHANDRA, B.A., DIP-IN-EDN., <i>Superintendent of Archaeology, Patna State.</i> P.O. Bolangir, E.S.A.
1-9-42	F	Spendloye, F. St. G. DE. c/o The Royal Ontario Museum of Archaeology, Toronto, S. Canada.
2-11-42	R	Wright, E. W., <i>Manager, Northern Assurance Co., Ltd.</i> 7, Hare Street, Calcutta.

NEW ASSOCIATE MEMBER.

Date of Election.		
2-11-42		SEN-GUPTA, PRABODHCHANDRA, M.A., <i>Retired Professor of Mathematics, Bethune College.</i> P.O. Nawabganj, Rajshahi.

CHANGES IN MEMBERSHIP.

LOSS OF MEMBERS DURING 1942.

BY RETIREMENT.

Ordinary Members.

1. M. D. Darbari. (1932.)
2. T. N. Ramachandran. (1939.)
3. J. Ghosh. (1936.)
4. C. K. Sarkar. (1924.)
5. S. C. Chatterjee. (1934.)
6. Devaprasanna Mukherjee. (1927.)
7. N. N. Banerjee. (1918.)
8. U. S. Rao. (1934.)
9. B. K. Roy Chowdhury. (1924.)
10. S. N. Chaudhuri. (1935.)
11. Ajit Nath Das. (1925.)

BY DEATH.

Ordinary Members.

1. G. P. Tate. (1893.)
2. D. N. Gooptu. (1921.)
3. Maharaja Sir P. C. Tagore. (1898.)
4. Sir Nalini Ranjan Chatterjee. (1928.)
5. Hirendra Nath Datta. (1926.)
6. Rai Bahadur R. Chanda. (1922.)
7. Sir M. N. Mukherjee. (1928.)

Associate Member.

1. Rai Bahadur Sarat Chandra Roy. (1929.)

Honorary Fellow.

1. Sir Joseph Larmor. (1920.)

UNDER RULE 38.

1. M. Jamaluddin Ahmed. (1934.)
2. A. F. M. Abdul Kadir. (1927.)
3. P. R. Awati. (1917.)
4. N. C. Bhattacharya. (1937.)
5. Bimal Ch. Ghose. (1926.)
6. N. K. Jain. (1930.)
7. Rezaur Rahman Khan. (1924.)
8. Bimalananda Tarkatirtha. (1927.)
9. C. W. Tressler. (1938.)

MEDALLISTS.

BARCLAY MEMORIAL MEDAL.

RECIPIENT.

- 1941 Sir David Prain, KT., C.M.G., C.I.E., M.A., M.B., LL.D., F.R.S.E.,
F.R.S., F.L.S., F.Z.S., M.R.I.A., LT.-COL., I.M.S.

JOY GOBIND LAW MEMORIAL MEDAL.

RECIPIENT.

- 1941 K. N. Bahl, D.SC., D.PHIL., F.N.I., F.R.A.S.B.

PROCEEDINGS OF THE ORDINARY MONTHLY MEETINGS, 1942

JANUARY

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 5th, at 5 P.M.

PRESENT

BAINI PRASHAD, ESQ., D.Sc., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B., Honorary Treasurer, in the Chair.

Members :

Anderson, Mr. J.	Chatterji, Dr. S. K.
Biswas, Dr. Kalipada	Das-Gupta, Mr. C. C.
Boso, Prof. M. M.	De, Mr. J. C.
Bose, Mr. S. M.	Grant, Dr. J. B.
Brown, Mr. Percy	Guha, Dr. B. S.
Bruce, Lieut. A. E. R.	Malik, Khan Bahadur A. R.
Chatterjee, Mr. B. C.	Siddiqi, Dr. M. Z.
Vedantatirtha, Mr. N.	

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following five presentations of books, etc., which had been placed on the table for inspection :—

1. From the Mysore University—Silver Jubilee Souvenir.
2. From the United States Government Printing Office—Annual Report of the Library of Congress, 1940.
3. From the British Museum—Instructions for Collectors No. 9a.
4. From the Travancore Government—Administration Report, Archaeological Department.
5. From Dr. Kalidas Nag—India and the Pacific World.

The General Secretary announced that the following three candidates would be balloted for as Ordinary Members:—

- (1) *Joshi, Miss Soma K.*, Post-Graduate Student, Calcutta University, c/o H. N. Ahuja, Esq., 22, Mandeville Gardens, Calcutta.

Proposer: J. C. De.
Seconder: B. S. Guha.

- (2) *Bagchi, Saileshchandra*, Vijnanbid, Specialist of Higher Pure Mathematics, 3, Railway Quarters, Connaught Road, Jamalpur, E.I.R.

Proposer: B. S. Guha.
Seconder: J. C. De.

(3) *Hasan, Zahur-ul*, M.A., LL.B., Advocate, High Court, Nawabpura Street, Moradabad, U.P.

Proposer: J. C. De.

Seconder: B. S. Guha.

The General Secretary reported the following loss of membership since the previous meeting by resignation:—

(4) S. K. Chakravarti (An Ordinary Member, 1933).

The Chairman announced that, in accordance with Rules 37 and 38, the names of the following Ordinary Members, who had since the last Ordinary Monthly Meeting been suspended as defaulters, had now been removed from the Society's registers for non-payment of dues:—

- | | |
|--------------------------|-----------------------------|
| 1. M. Jamaluddin Ahmed. | 5. Bimal Ch. Ghose. |
| 2. A. F. M. Abdul Kadir. | 6. N. K. Jain. |
| 3. P. R. Awati. | 7. Rezaur Rahman Khan. |
| 4. N. C. Bhattacharya. | 8. Bimalananda Tarkatirtha. |
| 9. C. W. Tressler. | |

The following papers were read:—

1. GEORGE N. ROERICH.—*The Epic of King Kesar of Ling* (read by Dr. S. K. Chatterji).

King Kesar (or Gesar) is the national hero of Tibet, like Rāma or Arjuna of India. There are poems and songs, prose tales as well as long romances on the adventures of Kesar in Tibet. The story has passed on to the Mongols, the Manchus and the Chinese. Different versions or recensions of the story are found among the Tibetans and various Central Asian peoples who came in touch with them. The Society has also published some texts and other works relating to the Kesar story by the late Dr. Francke. The present paper by Prof. Roerich gives a full survey of all the available mass of literature, not only in Tibetan but also in other languages, on the story of Kesar. The different versions are compared, the various redactions of the story are given and an attempt has been made to unravel the origin and affinities of the story.

2. FRANKLIN P. METCALF.—*Notes on Cayratia and Tetrastigma*.

The systematic position of the two specimens collected in Hainan in 1921 and 1922 by Prof. McClure which had hitherto been variously interpreted as *Columella Wrayi* (King) Merrill or as *Cayratia papillata* (Hance) Merrill and Chun has been clarified in the present article.

A comparison of the available photographs, drawings and merotype show that the species of King, originally described as *Vitis Wrayi* and that of Hance, originally described as *Vitis papillata* are the same and that they both represent species of *Cayratia* and not *Tetrastigma*.

Gagnepain, Merrill and Chun, and more recently Biswas (in litt.) consider this to be a *Cayratia*, not a *Tetrastigma*, though Craib has placed his Siam material under *Tetrastigma*.

The early material from Hainan collected by McClure is something entirely different; it is a species of *Tetrastigma*, apparently undescribed, and is here proposed as a new species.

3. K. P. CHATTOPADHYAY.—*Dharma Worship.*

The worship of Dharma is an old cult in Bengal, and has produced a number of works in prose and verse describing the origin and merits of Dharma Puja. The historical basis of the cult has also been discussed by various scholars. In this paper, a summary is first given of the older accounts regarding the Dharma cult, as found in the different works. The views of Mahamahopadhyay Haraprasad Sastri and other scholars are also set out in brief. The writer has then noted the results of his own field studies in 24 Parganas, Birbhum and Midnapore. A specially detailed account is given of the *grahabaran* ceremony as observed by him. The writer has besides his own work, included a summary of that of others under the heads (a) shape and size of the deity, (b) the temple of Dharma, (c) modes of daily and seasonal worship, and (d) devotees.

The writer then points out the existence of a wide spread worship of *Dharmarāja* in South India, hitherto overlooked by scholars who have discussed the cult of Dharma in Bengal. Striking similarities in the mode of celebration of the annual rite, and in the details of the associated ceremonies are indicated.

The writer criticises the hypothesis that Dharma worship is derived from Buddhism. He points out that the sacrifice of the *Loue* goat is very likely the modified survival of an old practice of human sacrifice. Examples of such modification are noted from amongst Khonds and Santals and also in South India. Evidence is also noted from literature of the Vedic and Sutra period, showing the existence of a *Varuna* cult, along with a tale of human sacrifice in connection with the birth of a son of King Hariścandra similar to that found in Dharma literature. The writer concludes that an ancient cult with a human victim has come down to modern times, as the central feature of Dharma worship. It is not, however, suggested that the cult has not been affected by the beliefs and practices of Buddhists, Saivas and such other religious communities. The results of such influence are obvious in the ritual. But the core of the cult is not derived from any of these historical religions.

4. CHARU CHANDRA DAS GUPTA.—*A few types of sedentary Games prevalent in the Khasi and Jaintia Hills District in Assam.*

Description of four new types of sedentary games prevalent in the Khasi and Jaintia Hills district in Assam. The name of one game cannot be traced out while the other games are known as *Pam pait*, *Bam blang beh khla*, and *Tule paid*.

5. N. B. ROY.—*Jajnagar Expedition of Sultan Firuzshah.*

(i) *Sirat-i-Firuz Shahi* contains a most detailed and authoritative account of the expedition of Sultan Firuz into Orissa. It unfolds an account of the route of Firuz's march to Katak and mentions the territories through which he passed in course of this long and hazardous march. It thus rectifies the error made by many scholars, e.g. Raverty, R. D. Banerji, M. M. Chakravartty, regarding Jajnagar and Orissa as two separate kingdoms, the former lying at the extremity of Godha Katauka.

(ii) The generalship and military skill displayed by Firuz in leading his army across the rugged plateau of Chotanagar to Katak and thence back to Delhi repudiates the charge of weakness and fatuity brought against him.

(iii) The account gives, though incidentally, an idea of the grandeur of the temple of Jagannath and contains an account of the many fearful rites which were practised there.

The Futuhāt-i-Firuz Shahi is a unique autobiography of Sultan Firuz Shah and may be said to rank in historical importance as high as the inscriptions of Asoka. The manuscript contains the very words of the emperor and gives us an idea of the ideals and aspirations which animated the Sultan in the discharge of his royal duties. He exerted himself to revive the purity of Islamic faith and himself adopted the simple living enjoined by Islam. He cast aside gold and silver vessels, costly robes ornamented with gold and made the Law of Islam his rule of conduct in life and administration.

He used the wealth of the kingdom solely for the good of the people. He organized digging of wells and canals, undertook the planting of trees, repair and building of mosques and hospices and started hospitals. In so far as these humanitarian and beneficent activities are concerned, Muslim rule in India attained its apogee under Firuz.

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that candidates Nos. 1 and 3 had been duly elected.

The Chairman announced that the Annual Meeting of the Society would be held on Monday, the 2nd February, 1942, and invited the members present to communicate with the General Secretary the names and addresses of non-members to whom they wished invitations to be issued.

At the end of the meeting, Lieut. Bruce stated that he was sending a memorial to the Council embodying certain constructive suggestions for popularizing the cultural activities of the Society and mentioned among other things the apathy of a large number of Council members towards our scholarly activities as shown by their absence from the Monthly Meetings. The Chairman, in reply, said that he was sure that the Council would give due consideration to the memorial when received.

—◆— FEBRUARY

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 2nd, immediately after the termination of the Annual Meeting, for the election of Ordinary Members and transaction of business.

PRESENT

SIR JOHN LORT-WILLIAMS, Kt., K.C., Vice-President, in the Chair.

Asadullah, Khan Bahadur K. M.
Bruce, Lieut. A. E. R.
Anderson, Mr. J.
Chatterjee, Mr. P. P.

Chatterji, Dr. S. K.
Guha, Dr. B. S.
Haq, Mr. M. M.
Hobbs, Major H.

Malik, Khan Bahadur A. R.

The minutes of the last meeting were read and confirmed.

The General Secretary announced that the three presentations of books, etc., received since the last meeting would be exhibited at the next Ordinary Monthly Meeting.

The General Secretary announced that the following candidate would be balloted for as an Ordinary Member:—

(4) *Ali, Mohmed Ashraf*, B.A., Chief Assistant, Research Branch, Bengal and Assam Railway, 3, Koilaghat Street; 34, Satis Mukherjee Road, Kalighat, Calcutta.

Proposer: B. S. Guha.

Seconder: J. C. De.

The General Secretary announced the following loss of membership since the previous meeting by resignation:—

(5) J. C. Bhose (An Ordinary Member, 1931).

In accordance with Rule 48(d) the General Secretary reported that Babu Girija Nath Bhattacharya who was appointed on probation as Pandit of the Society with effect from 1st May, 1941, had been confirmed in his appointment as Pandit of the Society.

The Chairman announced the result of the ballot for the election of the Ordinary Member and declared that the candidate had been duly elected.

MARCH

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 2nd, at 5-30 P.M.

PRESENT

SIR JOHN LORT-WILLIAMS, KT., K.C., Vice-President, in the Chair.

Members:

Anderson, Mr. J.
Bagchi, Dr. K. N.
Biswas, Dr. K. P.
Brown, Mr. Percy.
Bruce, Lieut. A. E. R.
Cameron, Rev. A.

Chatterji, Dr. S. K.
Das Gupta, Mr. C. C.
Ghosal, Dr. U. N.
Hobbs, Major H.
Hora, Dr. S. L.
West, Mr. W. D.

Visitor:

Mill, Miss Elizabeth W.

The minutes of the last meeting were read and confirmed.

सन्दर्भ ग्रन्थ
REFERENCE BOOK

यह पुस्तक वितरित न क. जाय
NOT TO BE ISSUED

The General Secretary reported receipt of the following nine presentations of books, etc., which had been placed on the table for inspection:—

6. From Mr. S. K. Banerji—Humayun Badshah, Vol. 2.
7. From Mr. V. Venkataramiah—Savitar or Aurora Boreales.
8. From Mr. K. N. Puri—Excavations at Rairh.
9. From the Trustees of the British Museum—Catalogue of Arab-Sassanian Coins.
10. From T. Paramasiva Aiyar—Ramayana and Lanka.
11. From Princeton University—Indus Valley Painted Pottery.
- 12 and 13. From Government Press, Madras—Record of Fort St. George, Vol. 28; and Diary and Consultation books, 82 and 83.
14. From Director of Archaeological Researches in Mysore—Annual Report, 1940.

The General Secretary announced receipt of news of the death of Mr. G. P. Tate (a Life member of the Society since 1893).

The General Secretary reported that the various Standing Committees of the Society for the year 1942 had been constituted, as follows:—

Finance Committee:—

President, Treasurer and General Secretary—*ex-officio*, Sir John Lort-Williams, The Hon'ble Mr. Justice N. G. A. Edgley and Dr. S. L. Hora.

Library Committee:—

President, Treasurer, General Secretary and all Sectional Secretaries—*ex-officio*, and Khan Bahadur K. M. Asadullah.

Publication Committee:—

President, Treasurer, General Secretary and all Sectional Secretaries—*ex-officio*, and Dr. S. K. Chatterji.

Bibliotheca Indica Committee:—

President, Treasurer, General Secretary—*ex-officio*, Dr. S. K. Chatterji, Prof. M. M. Haq, Mr. V. Vedantatirtha, Dr. S. C. Law, Dr. M. Z. Siddiqi, Sir Jadunath Sarkar, Dr. Baini Prashad and Mr. T. N. Ramachandran.

The General Secretary also reported that two additional Committees had been constituted as under:—

1. *Standing Programme Committee:—*President, Treasurer and General Secretary—*ex-officio*, Sir John Lort-Williams and Dr. K. N. Bagchi.

The function of this Committee would be to arrange the meetings of the Society.

2. *Special A.R.P. Sub-Committee:—*President, Treasurer and General Secretary—*ex-officio*, Sir John Lort-Williams and Dr. S. L. Hora.

The function of this Committee would be to do whatever is necessary for further A.R.P. measures in the Society.

The following paper was read:—

1. DR. K. P. BISWAS.—*Notes on the Occurrence of a Cosmopolitan blue-green Alga in the hot Springs at Wairaki in the thermal region of New Zealand.*

A specimen of blue-green alga was collected from the hot springs by Mrs. H. P. V. Townend "at Wairaki in the thermal region of the centre of the North Island of N. Z. The water in which this alga was growing was just cool enough to allow one to put one's hand into it. A little higher up the mountain side, it was boiling. The region is one of many geysers and vent holes with escapes of steam, and many different minerals are contained in the waters. The alga was growing both in pools which are constantly filled by geysers and down the slopes over which they overflow. The spot from which I took this was a series of terraces formed of silicate in the water flowing down from a geyser. A thin film of water constantly passes over the silicate surface which is of yellowish colour and quite hard". This alga has been identified as *Phormidium ambiguum* Gom. which is a cosmopolitan species capable of growing under different environments. The growth of this plant in the hot springs is interesting.

The following exhibits were shown and commented upon:—

1. DR. NALINAKSHA DUTT.—*Saddharma-pundarika (in the absence of the exhibitor, Dr. S. K. Chatterji explained the exhibit).*

This is a hand-made paper manuscript found in Gilgit (Kashmir) of the *Saddharma-pundarika*, a very prominent text of Mahāyāna Buddhism. The script is upright Gupta and may be dated the 5th or 6th century A.D. This is probably one of the oldest manuscripts discovered in India.

2. DR. K. N. BAGCHI.—*Some Indigenous Poisons used in Crimes.*

At the conclusion of the meeting the Chairman, drawing the attention of members, present, to the A.R.P. Fund initiated by His Excellency Sir John Arthur Herbert, the Governor of Bengal, at the last Annual Meeting of the Society, stated that an appeal for this purpose would shortly be issued, and invited members to give liberally to this fund. After an informal discussion some members suggested that, if practicable, an extra amount might be charged in future upon all subscription bills, payment of which would be optional, in order to help defray the expense incurred by the Society in connection with the air raid precautionary measures already taken.



APRIL

No meeting



MAY

No meeting



JUNE

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 1st, at 5 P.M.

PRESENT

J. B. GRANT, Esq., M.D., M.P.H., F.A.P.H.A., Medical Secretary, in the Chair.

Members :

Bose, Mr. M. M.
Chatterjee, Mr. P. P.
Das-Gupta, Mr. C. C.

De, Mr. J. C.
Dutt, Dr. N.
Hora, Dr. S. L.

Mitra, Miss Priti

Visitor :

Job, Dr. T. J.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following 53 presentations of books, etc., which had been kept on the table for inspection:—

15. From Calcutta University—Adam's Report on the state of Education in Bengal.

16-23. From the Imperial Library—Directory for the province of India and Ceylon, Notes on Ceylon, Annual List, Revenue Dept., Madras, Statistical Account of Bengal, Vols. 2, 3, 7, 12, 16, 18, 20, Bengal Directory 1826, 1835, 1836, 1839, 1845, Calcutta Annual Directory, 1833.

24-59. From Miss Cleghorn—London City and Suburbs as they are to-day, Dictionary English-German, Deutscher Vedichte, Reptiles and Batrachians, Life and Letters of Charles Darwin, Venetian Waters, Orlando Furioso, Myths and Legends of Japan, Coats of Australia, Africa from Port to Port, Philosophy of the Beautiful, World's inhabitants, Furtado: Selected Poems, Elementary Physical Geography, 1st Book of Physical Geography, Manual of Botany, Wine and the Wine lands of the world, Treatise on Astronomy, Reminiscences of thought and feeling, Dictionary of the Holy Bible, Hand Book of Flower Pollination, Practical Study of Malaria, Nicolo Machiavelli, Disfacci di Antonio Giustinian, History of Aesthetics, Outline of Astronomy, Chess Player's Companion, Social World of the Ants, Illustration of the roads throughout Bengal, etc., Who's who 1920, History of Pompeii, Turner Gallery, Vols. 1-3,

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Royal House of Stuart, English Carols of the 15th Century, Star Atlas, Architektonisches Lehrbuch.

60. From Mr. P. C. Mukhopadhyaya—Monism.

61. From Dr. S. K. Chatterji—Indo-Aryan and Hindi.

62. From the Parsee Panchayet—Philosophy of the Zoroastrianism and Comparative study of religion.

63-4. From the Parsee Panchayet—Religion of the Yezdis, Essential Unity of all religions.

65. From the Imperial Library—Author catalogues of printed books in European languages, Vols. 1-2.

66. From Koninklijk, B. G. Van Kunsten en Wetenschappen—Catalogus der Praehistorische Verzameling.

67. From Government of India—Fauna of British India-Mammalia, Vol. 2.

The General Secretary announced that the following candidates would be balloted for as Ordinary Members:—

(5) *Giare, K. L.*, B.Sc. (Elec. & Mech. Eng.), M.I.S.E., A.M.I.E., Engineer-in-Charge, Rajendra Metal Industries, Ltd., 5, Gopal Doctor Road, Kidderpore, Calcutta.

Proposer: B. S. Guha.

Seconder: N. G. A. Edgley.

(6) *Sabir, Abu Ali A.*, Inspector of Co-operative Societies (now Instructor, Co-operative Training Institute, Bengal), 24B, Syed Amir Ali Avenue, Calcutta.

Proposer: M. Z. Siddiqi.

Seconder: K. N. Bagchi.

(7) *Ghose, Rabindra Chandra*, Barrister-at-Law, 10, Debendra Ghose Road, Bhawanipore, Calcutta.

Proposer: B. S. Guha.

Seconder: M. Z. Siddiqi.

(8) *Ghosh, Prakrity Kumar*, M.Sc., Ph.D., D.Sc., D.I.C., F.N.I., Geologist, Geological Survey of India, 27, Chowringhee, Calcutta.

Proposer: Cyril S. Fox.

Seconder: Baini Prashad.

(9) *Sen-Gupta, Prabodhchandra*, M.A., Retd. Professor of Mathematics, Bethune College, Calcutta; Nababganj P.O., Rajshahi.

Proposer: J. C. De.

Seconder: C. C. Das-Gupta.

(10) *Alimuddin, M. S.*, Mutwalli to the Wakf Estate of Khan Sahib M. S. Azizuddin, Landlord; 73, Narkeldanga Main Road, Calcutta.

Proposer: S. L. Hora.

Seconder: J. C. De.

The General Secretary reported the following loss of membership, since the previous meeting, by death:—

(2) D. N. Gooptu (An Ordinary Member, 1921).

(3) Rai Bahadur S. C. Roy (An Associate Member, 1929).

(4) Sir Joseph Larmor (An Honorary Fellow, 1920).

The General Secretary reported the following loss of membership, since the previous meeting, by resignation:—

(2) M. D. Darbari	(An Ordinary Member, 1932).
(3) T. N. Ramachandran	.. " " 1939).
(4) J. Ghosh	.. " " 1936).
(5) C. K. Sarkar	.. " " 1924).
(6) S. C. Chatterjee	.. " " 1934).
(7) Devaprasanna Mukherjee	.. " " 1927).
(8) N. N. Banerjee	.. " " 1918).
(9) U. S. Rao	.. " " 1934).
(10) B. K. Raychaudhuri	.. " " 1924).
(11) S. N. Chaudhuri	.. " " 1935).

The General Secretary reported the following lapses of election, since the previous meeting, under Rule 9:—

- (1) W. H. A. Shadani (elected on 4-8-41).
- (2) B. Jhunjhunwala (" 1-9-41).
- (3) Miss S. K. Joshi (" 5-1-42).

The General Secretary reported that (1) Zahur-ul Hasan (elected on 5-1-42) had withdrawn his application for membership.

The General Secretary reported that the Council, since the last Ordinary Meeting, considered the question of charging an extra amount upon all subscription bills in order to defray expenses incurred by the Society in connection with the A.R.P. measures already taken and had decided to add until further orders on all quarterly subscription bills the following item:—

*Voluntary donation towards extra cost incurred (Rs.11,000 odd) in removing to safety valuable possessions—Rs.5.

The Council had also decided to issue a separate appeal to those members of the Society who are paying subscriptions annually or by means of Bankers orders, to add a voluntary donation of Rs.5 to their quarterly or annual payments intimating them at the same time the total cost incurred for A.R.P. measures.

The General Secretary reported that, in accordance with Rule 63, the following had been appointed Chairman and Secretary of the Standing Committees of the Society:—

Library Committee:—

Chairman—Dr. J. B. Grant.
Secretary—Dr. S. L. Hora.

Publication Committee:—

Chairman—Dr. S. K. Chatterji.
Secretary—Dr. N. Dutt.

Finance Committee:—

Chairman—Dr. C. S. Fox (President).
Secretary—Dr. B. S. Guha (General Secretary).

Standing Programme Committee :—

Chairman—Sir John Lort-Williams.

Secretary—Dr. B. S. Guha.

The General Secretary reported that the Council, since the last Ordinary Monthly Meeting, had accepted the recommendation of the Standing Programme Committee with regard to holding monthly meetings for discussion. The Committee recommended that (a) monthly meetings for discussion be held once a month with an opener, who should not take more than 15 minutes to introduce the topic—to be followed by a discussion lasting for about 45 minutes; (b) Ordinary members wishing to take part in the discussion meetings should be asked to inform the Secretary regarding topics they would like to have discussed; (c) there should be no objection to the visitors being invited to the discussion meetings; (d) the hour of discussion meetings to be at 6 P.M.

The General Secretary reported that, in accordance with Rule 48(d), the Council, since the last Ordinary Monthly Meeting, had extended the period of probation of Mr. J. C. De (Assistant Secretary, who was placed in charge of the library on an experimental basis for six months with effect from 1st December, 1941) for another six months, and upon the same terms, with effect from 1st June, 1942.

The General Secretary reported that as a result of the change from Bengal time to Indian Standard time, the office of the Society would remain open from 9-30 A.M. to 4-30 P.M., and the library from 10 A.M. to 6 P.M. (Indian Standard Time).

The following papers were read:—

1. F. A. PETER.—*The Rin-Hbyun, an important Tibetan Work on Iconography of Lamaism.*

The text is of Mongolian origin, written in Tibetan by Ratna-vajra of the 17th century. It has two supplements entitled *Snar-than* and *Rdor-phren*. The object of the text is not so much as to give a description of the Lamaistic pantheon as a whole but to illustrate particular meditation-systems. For meditation-exercises various deities in their mild, angry and fierce forms are combined into a magic circle (*mandala*). The *Rin-Hbyun* deals with those *Mandalas* that are in general use with the adherents of the Reformed Church, the yellow-hatted Geluggas. The aim of meditation is to establish a union between the gods and the worshipper, who, when completed, obtains the powers of the gods. For accomplishing this, the pre-requisite is to have a correct mind-picture of those divinities, on which one contemplates and to know the proper formula (*dhāraṇī*) for binding them. The *Rin-Hbyun* has the above object in view and is concerned with the *Mandalas* approved by the Gelugga sect. It illustrates an already existing system of meditation and derived its materials from old texts.

The author, a Moravian missionary, came into contact with some well-read Lamas during his stay at Ladakh and Lahoul, and so he was

able to find out the correct meaning of the *mudrās* and the significance of the attributes of Lamaistic deities. He made pencil-drawings of the deities as also of the *dhāraṇīs* printed at the back of the pictures. He has given briefly the life of Tsoṅ-khapa and of his two successors, commented on the artistic merits of the drawings of the deities, and pointed out their colour-indications. He concludes the paper with the text and translation of the colophon of the *Rin-Hbyun*, and the text and translation of the *Rdor-phren*.

2. O. R. BARON EHRENFELS.—*Traces of a matriarchal civilization among the Kolli Malaiyālis.*

The Kolli Malaiyālis are at present the least Hinduized and Europeanized of the three sub-tribes of the Malaiyālis in the Salem and Trichinopoly Districts. A number of cultural survivals which have been kept alive with them point to a matriarchal civilization generally and to historic connections with the culture which is now prevailing particularly in Malabar.

The Malaiyālis seem to have immigrated to their present hills at a comparatively late period of the historic Tamil Kingdoms of Chōla, Chēra and Pāndya. At that time the Kolli Malaiyālis seem to have been in a somewhat closer contact with the plains, e.g., their Pēriya Malaiyāli cousins of the Shevroy hills came under a Hinduizing and directly Europeanizing influence only so late as the opening of coffee-plantation in their hills, about one century ago, or so. Hence we find that, e.g., the rectangular houses of the Kolli Malaiyālis are less 'primitive' than the bee-hive huts of their otherwise much more sophisticated, and Europeanized Pēriya cousins of the Shevroy hills.

The Kolli Malaiyālis may be taken as a somewhat modified survival of an agricultural community in an out-of-the-way part of the historic Tamil Kingdoms some time after the fourth century B.C. Some of the functionally palpable remnants of this matriarchally determined civilization among the Kolli Malaiyālis, e.g., the good and dignified position not only of mothers, but also of married women generally and even unmarried girls, the democratic equality of the general economic standard of life and the natural inclination towards neatness, cleanliness and veracity, seem to prove the correctness of the reports given on these points by the famous Chinese travellers Fa Hian (401-410 A.D.) and Hieuen Tshang (630-645 A.D.) who could still praise these things as typically Indian virtues. The study of the functional working of Kolli Malaiyāli life may therefore be said to be of direct concern to the student of South Indian cultural history.

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that all the candidates had been duly elected.

Before closing, on the proposal of Prof. M. M. Bose, a vote of condolence on the death of Rai Bahadur R. Chanda was passed, all members standing.



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JULY

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 6th, at 5 P.M.

PRESENT

M. MAHFUZ-UL HAQ, ESQ., M.A., Joint Philological Secretary, in the Chair.

Members :

Asadullah, Khan Bahadur K. M.	Hora, Dr. S. L.
Bagchi, Dr. K. N.	Meyer, Miss S.
Chatterjee, Mr. B. C.	Mitra, Miss P.
Chatterjee, Mr. P. P.	Nag, Dr. K.
De, Mr. J. C.	

Visitor :

Narayanaswami, Mr. V.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following five presentations of books, etc., which had been kept on the table for inspection:—

68. From the University of Dacca—Studies in the Puranic Records of Hindu Rites and Customs.
69. From Pt. Gangeyanarathama Shastri—Malinimandira.
70. From Dept. of Public Instruction, Bombay—Nirukta of Yaska.
71. From Punjab University Library—Cat. of Sanskrit MSS., Vol. 2.
72. From Mrs. Serapia Bhattacharya—Kavyanirnaya.

At the request of the Chairman, Dr. Kalidas Nag read an obituary notice of the late Rai Bahadur Ramaprasad Chanda, and Dr. S. L. Hora of the late Sir Joseph Larmor (the latter written by Dr. Meghnad Saha).

The following papers were read :—

1. D. H. and M. E. GORDON.—*The Cultures of Maski and Madhavpur* (read by Dr. Kalidas Nag).

This paper deals with the prehistoric material excavated at Maski and Madhavpur in the Nizam's dominions, Deccan. The findings of the authors mainly are:

(1) These sites may be dated thus: Maski between the 5th cent. B.C. and the 2nd cent. A.D., and Madhavpur between the 4th cent. B.C. and the early centuries of the Christian era. The date of Madhavpur, however, is borne out by the find of a pillar with a Brahmi inscription of the early 2nd cent. B.C. The dates of these sites, tentative though they may be, agree fairly closely with those assigned by Mr. Codrington and others to the Bhir Mound, Taxila, e.g., c. 5th cent. B.C. to late 2nd or possibly early 1st cent. B.C.

Some of the remains at Maski are undoubtedly pre-Maurya, but it is unlikely that the town-site was occupied by anyone who left remains there earlier than the 5th cent. B.C. It will probably be found in due course that the above remarks equally apply to the site of Brahmagiri.

(2) It must be admitted that there is an ever-increasing body of evidence to show that artifacts of stone persisted alongside with iron implements until quite a late period, in out-of-the-way jungle parts probably until well on in the Christian era.

2. R. D. SAKSENA.—*Anatomical Studies on Indian Plant Galls—Part 1 (read by Mr. V. Narayanaswami, Curator, Industrial Section, Indian Museum).*

Although galls have been more or less extensively studied in India, except for Mani's recent work, very little attention has been paid to the anatomy of galls. An attempt is made in this paper, which is the first of a series, to describe briefly the anatomy of some common typical plant galls of mites and Itonididae on *Pongamia glabra* Vent., *Coccinia indica* Cogn., *Momordica charantia* Linn., *Melothria maderaspatana* Cogn., *Crataeva religiosa* Forst., *Odina woder* Roxb., *Rivea hypocrateriformis* Choisy, *Acacia leucophloea* Willd., and *Ipomoea sepiaria* Koen. The description of the anatomical structure of galls is made from microtome sections. The paper is illustrated with 9 text-figures and two plates of photo-micrographs. At the end is given a bibliography of the more important works on the morphology of galls.



AUGUST

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 3rd, at 5 P.M.

PRESENT

C. S. Fox, Esq., D.Sc., M.I.Min.E., F.G.S., F.N.I., F.R.A.S.B.,
President, in the Chair.

Members :

Agharkar, Dr. S. P.
Bagchi, Dr. K. N.
Chatterjee, Mr. B. C.
Chatterji, Dr. S. K.
Das-Gupta, Mr. C. C.
De, Mr. J. C.

Edgley, The Hon'ble Mr. Justice
N. G. A.
Griffiths, Dr. W. G.
Haq, Mr. M. M.
Hora, Dr. S. L.
Kramrisch, Dr. St.

Visitors :

Datta, Mr. J. M.

Morse, Mr. J. P.

In accordance with Rule 45, the President announced that the Council submit, for confirmation to the meeting the following change in the composition of the Council, made in one of the Council meetings, since the last Ordinary Monthly Meeting:—

General Secretary : Dr. S. L. Hora, *vice* Dr. B. S. Guha, resigned.

Order: Confirm.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following two presentations of books, etc., which had been placed on the table for inspection:—

73. From Sir S. Varadachari—Parapaksanirakriti.

74. From Government of India—Memoirs, Arch. Survey of India, No. 65.

The General Secretary announced that the following candidates would be balloted for as Ordinary Members:—

(11) *Hosain, Saiyed Wajahat*, M.A., B.T., Assistant Inspector of Schools for Muslim Education, Presidency Division; 172/26B, Lower Circular Road, Calcutta.

Proposer: M. Mahfuz-ul Haq.

Seconder: S. L. Hora.

(12) *Bake, Arnold Adriaan*, M.A. (Oxon), D.Litt., 5, Garstin Place, 2nd Floor, Calcutta.

Proposer: Cyril S. Fox.

Seconder: B. S. Guha.

(13) *Rath, Purna Chandra*, B.A., Dip. in Edn., Superintendent of Archaeology, Patna State, P.O. Bolangir, E.S.A.

Proposer: Cyril S. Fox.

Seconder: C. C. Das-Gupta.

The General Secretary reported that the election of

(4) *Ashraf Ali* (elected on 2-2-42)

had become null and void under Rule 7.

In accordance with Rules 2 and 13, the General Secretary reported that the Council had proposed for election, as an Associate Member of the Society, for a period of five years, of—

Prof. P. C. Sen-Gupta,

and stated the grounds on which the recommendation had been made, as follows:—

‘Prof. P. C. Sen-Gupta, M.A., is a retired Professor of Mathematics of Bethune College, Calcutta. He has contributed a series of articles in the Society’s Journal regarding the chronology of Vedic and post-Vedic times which have received very warm recognition in *Nature* and in *Sky and Telescope*. The latter is an astronomical journal published from the Harvard University.

He is a good Sanskrit scholar and as far as Indian astronomy is concerned, there is nobody to compare with him in profundity of knowledge and in handling ancient data. He is also acquainted with modern astronomy. His work ranks as high as that of the late MM. Sudhakar Divedi and MM. Pt. Bapudeva Sastri, who were pioneers in this line.’

In accordance with Rule 48(a), the General Secretary announced that the Council, since the last Ordinary Monthly Meeting, had passed a set of Regulations regarding 'Discussion Meetings' as follows:—

1. The Council shall arrange to hold Discussion Meetings in the Society's rooms every month, between the first of November and the last of March.

2. The purpose of these Meetings shall be to afford opportunities for informal discussion with a view to awaken interest in the work of the Society. Members and non-members introduced by Members or invited by the Council may take part in the discussions.

3. The topics for discussion shall embrace all subjects investigated by the Society, and such other subjects as, in the opinion of the Council, will contribute to the progress and improvement of the work of the Society. No political or personal matters, or any other topics detrimental to the aims of the Society, shall be allowed to be introduced for discussion.

4. Scholars in any particular branch of study, including science, literature and philosophy, may be invited to open discussions and offers from Members will be received and considered by the Council. Members wishing to suggest or open topics for discussion shall inform the General Secretary. All topics must be approved by the Council before coming up for discussion.

5. Each meeting shall elect its own Chairman and there shall be an opener at every meeting who shall take not more than 15 minutes in introducing the topic for discussion, to be followed by a general discussion lasting for about 45 minutes. Each speaker taking part in the discussion shall be allowed to speak for not more than 3 to 5 minutes at a time at the discretion of the Chairman.

6. Discussion meetings shall be held at such hours as the Council may decide and notices shall be issued to Resident Members at least two weeks in advance of the dates fixed by the Council for the meetings.

7. The Chairman shall keep an informal record of each Discussion Meeting which shall not form part of the Proceedings of the Society.

8. Nothing in the above Regulations shall prevent deviation from any prescription in any of them, after due decision to that effect arrived at by the Council, on consideration of special circumstances.

The General Secretary also announced that the Council, since the last Ordinary Monthly Meeting, had made some verbal changes in the existing Regulations regarding General Lectures. The amended Regulations are as follows:—

1. The Council shall arrange for the delivery of general lectures, to be held in the Society's rooms during the winter season, between the first of November and the last of March.

2. The lectures shall be designed to convey instructive and interesting information in attractive form to a generally cultured audience, not necessarily composed of specialists in the subjects of the lectures. The purpose of the lectures is to awaken interest in and draw attention to the work of the Society.

3. Attendance at the lectures shall be open to all Members of the Society, and to such non-members as are invited to them by the Council on its own initiative, on the recommendation of Members, or at the request of non-members desiring to attend.

4. The lectures shall embrace all subjects investigated by the Society, but equal representation of scientific and literary subjects shall be striven after.

5. The lectures may be made to serve to communicate to a generally cultured public, either summaries of specialist knowledge, i.e., intelligent popularization, or the announcement or exposition of new results, either in the nature of new discovery or new theory.

6. Lecturers shall be invited by the Council, but offers to lecture shall be received and considered by the Council, and invitations to lecture shall not be confined to Members of the Society.

7. Lecturers shall be chosen with strict consideration for their special competence in the subject of their lectures as well as for their skill as public speakers and their ability to interest and instruct.

8. Lectures may be given with or without the aid of lantern slides, demonstrations or exhibits.

9. The Council may invite the lecturers to offer their lectures for publication in a special R.A.S.B. General Lecture Series.

10. In case of publication of the lectures in the above-mentioned Series, they shall be printed as uninterrupted, continuous, non-technical texts, to which, however, the author may add, in the form of appendices, any technical notes, references, bibliographies or other explanatory material he thinks desirable.

11. Record shall be kept of the lectures, and notice of them shall be given beforehand to all Resident Members.

12. Nothing in the above Regulations shall prevent deviation from any prescription in any of them, after due decision to that effect arrived at by the Council, on consideration of special circumstances.

The following paper was read:—

1. J. M. DATTA.—*A mixed Type of Baghbandi or Tiger Play found at Baganchra, Dist. Nadia, in Bengal.*

In this paper, the author has described the game of Baghbandi, or tiger-play, at Baganchra in Bengal. It is found to be a mixed type, with one tiger and 9 goats, and played over the board of *Lau-kata-kati*. The game is described with the help of a diagram.

After the reading of the paper, the following exhibit was shown and commented upon:—

1. S. K. CHATTERJI.—*Two clay Figures of Kesar (Gesar) and Hlerug-mo (Dugmo) by a Tibetan Artist.*

The President announced the result of the ballot for election of Ordinary Members and declared that the candidates had been duly elected.

The President announced that unless special notice was given, there would not be any Monthly Meetings during the recess months, September and October.

NOVEMBER

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 2nd, at 5 P.M.

PRESENT

C. S. Fox, Esq., D.Sc., M.I.Min.E., F.G.S., F.N.I.,
F.R.A.S.B., President, in the Chair.

Members :

Agharkar, Dr. S. P.
Bagchi, Dr. K. N.
Bake, Dr. A. A.
Chatterjee, Mr. B. C.
Chatterjee, Mr. P. P.
Das-Gupta, Mr. C. C.

De, Mr. J. C.
Edgley, Hon'ble Mr. Justice N. G. A.
Ghuznavi, Mr. I. S. K.
Grant, Dr. J. B.
Hobbs, Major H.
Hora, Dr. S. L.
Nag, Dr. Kalidas.

Visitors :

Chatterjee, Dr. B. K.
Ghose, Mr. S. K.

Gupta, Mr. J. N.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following ten presentations of books, etc., which had been placed on the table for inspection:

75. From Technological Laboratory, Bombay: Technological Research on Cotton in India.

76. From Imperial Council of Agricultural Research: Agriculture and Animal Husbandry, 1938-39.

77 and 78. From Imperial Entomologist: Cat. of Indian Insects, Pt. 26 and Cat. of Arabic and Persian MSS.

79. From Keeper of Records, Govt. of Bengal: Press list of documents, Vol. 3, pt. 5.

80-82. From Bhandarkar Oriental Research Institute: Descrip. Cat., Vol. 13, pts. 1 and 2, Kavya, Vol. 16, pt. 1, Vaidyaka, Vol. 16, pt. 3, Agamika Literature.

83. From Mr. Ganapati Sarkar: Kalidasa (nataka).

The General Secretary reported that the following candidates had been elected Ordinary Members by the Council during the recess months, under Rule 7:—

(14) *Aucott, Mrs. Anne*, Teacher, Rathlin Hall School, Darjeeling.

Proposer: A. E. R. Bruce.

Seconder: S. L. Hora.

(15) *Gupta, Pratul Chandra*, M.A., Ph.D., Lecturer, Calcutta University, 125, Rash Behari Avenue, Calcutta.

Proposer: J. C. De.

Seconder: C. C. Das-Gupta.

(16) *Norman, G. A. S.*, Agent, The Standard Life Assurance Co., 32, Dalhousie Square, Calcutta.

Proposer: J. C. De.

Seconder: M. M. Haq.

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(17) *Mathews, Henry Idris*, Indian Ordnance Services, Director of Factory Recruitment, Bengal United Service Club, 29, Chowringhee, Calcutta.

Proposer: N. G. A. Edgley.
 Seconder: C. S. Fox.

(18) *Mitra, Bhupendra Nath*, D.Sc. (Dacca), Ph.D. (Minnesota), Member of the Society of Sigmas xi (America), Asst. Inspector of Armaments, Kirkee, Poona.

Proposer: S. L. Hora.
 Seconder: M. M. Haq.

(19) *Akbar, M. (Nedvi)*, M.A., Lecturer, Calcutta University; 106, Harrison Road, Calcutta.

Proposer: M. M. Haq.
 Seconder: K. N. Bagchi.

The General Secretary announced that the following candidates would be balloted for as Ordinary Members:—

(20) *Wright, E. W.*, Manager, Northern Assurance Co., Ltd., 7, Hare Street, Calcutta.

Proposer: J. C. De.
 Seconder: K. N. Bagchi.

(21) *Hendrie, James Halkett*, Associate Member, Institution of Mechanical Engineers, Major, Bengal Artillery A.F.I., Manager, Calcutta Branch, Parry & Co., Ltd., 19, British Indian Street, Calcutta.

Proposer: L. R. Fawcus.
 Seconder: W. A. Jenkins.

(22) *Bhagat, Phoolchand*, Millowner and merchant, Bhagat Villa, Grand Trunk Road, Konnagar, Dist. Hooghly.

Proposer: J. N. Basu.
 Seconder: S. L. Hora.

(23) *Hawes, Robert Martin*, Mercantile Assistant, 101, Clive Street, Calcutta.

Proposer: W. A. Bent.
 Seconder: S. L. Hora.

(24) *Singh, Partap*, Specialist in Indian Propaganda and merchant, Grosvenor House, Calcutta.

Proposer: A. F. M. Abdul Ali.
 Seconder: S. L. Hora.

(25) *Dhiman, Mehar Chand*, Merchant, Tulsi Niwas, 115, Benares Road, Salkia, Howrah.

Proposer: Kalidas Nag.
 Seconder: Nalinaksha Dutt.

The General Secretary reported the following loss of membership since the previous meeting, by death:—

- (6) Maharajah Sir P. C. Tagore (An Ordinary Member, 1898).
- (7) Sir Nalini Ranjan Chatterjee (An Ordinary Member, 1928).
- (8) Hirendra Nath Datta (An Ordinary Member, 1926).

The General Secretary reported the following loss of membership, since the previous meeting, by resignation:—

- (12) Ajit Nath Das (An Ordinary Member, 1925).

The General Secretary reported that, in accordance with Rule 45, the Council submit for confirmation to the meeting the following change in the composition of the Council, made in one of the Council meetings, since the last Ordinary Monthly Meeting:—

Library Secretary—Dr. R. C. Majumdar, *vice* Dr. S. L. Hora, appointed General Secretary.

Order: Confirm.

The General Secretary reported that, in accordance with Rule 61, the Council, since the last Ordinary Monthly Meeting, had constituted a Special Sub-Committee consisting of the President, General Secretary and Treasurer (*ex-officio*), Sir John Lort-Williams, and Dr. S. P. Agharkar for the purpose of amending the Regulations regarding the award of the Brühl Memorial Medal.

The General Secretary reported that, in accordance with No. 4 of the Regulations re: the award of the Annandale Memorial Medal, the Council had constituted the Advisory Board of the medal with the following members:—

Anthropological Secretary,	} <i>ex-officio</i> .
Biological Secretary,	
Medical Secretary,	
Mr. J. P. Mills,	
Dr. D. N. Majumdar, and	
Prof. K. P. Chattopadhyaya.	

The General Secretary reported that, in accordance with Rule 2(c), the Council had proposed re-election for a further period of five years as Associate Members of the Society of—

Rev. P. Johannes and MM. Anantakrishna Sastri.

The General Secretary stated the grounds on which the recommendation was made.

In accordance with Rules 2 and 13, the Chairman called for a ballot for the election as Associate Member of the Society for a period of five years of Prof. P. C. Sen-Gupta, whose name had been proposed at the last Ordinary Monthly Meeting.

At the request of the Chairman, Dr. Kalidas Nag read obituary notices of the following deceased members of the Society:—

1. Maharajah Sir P. C. Tagore.
2. Hirendra Nath Datta.

The following papers were read:—

1. CHRISTOPH VON FÜRER-HAIMENDORF.—*Megalithic Ritual among the 'Gadabas' and Bondos of Orissa* (read by Prof. C. C. Das-Gupta).

The Gadabas and Bondos in the Koraput District of Orissa represent the southernmost branch of the Austroasiatic peoples in Peninsular India. Owing to the seclusion of their habitat they have preserved an ancient and complex tribal culture which shows many points of contact with the Austroasiatic and Austronesian civilizations of Further India and Indonesia. Both Gadabas and Bondos have a richly developed megalithic ritual, but of considerably different type.

Among the Gadabas the erection of monoliths is mainly connected with memorial feasts for the departed. At these feasts large numbers of buffaloes are slaughtered and pairs of stones, each consisting of one menhir and one table-stone, added to the stone sitting-place in the centre of the village. There the stones remain as permanent monuments to the dead. The performance of these feasts is believed to have a beneficial influence on the donor's crops.

The Bondos (or Bondo Porajas) hold also memorial feasts and during these a small dolmen is erected with the express purpose of serving as a seat for the soul of the deceased. But the more important megalithic monuments of the Bondos are built-up stone-circles with menhirs which serve as social centres and assembly places. These stone-circles are not connected with the cult of the dead, but are considered seats of the earth-deity; annually pigs are sacrificed to her and the blood is sprinkled on the stones and on some of the seed grain. At the time of these sacrifices new stones are sometimes added to the stone-circle and old ones, if dislocated, restored to their proper place. Other megalithic monuments of the Bondos are rubble stone-walls with gangways flanked by slender menhirs and the linings of springs by upright and flat stone-slabs.

There are numerous parallels between the megalithic ritual of the Gadabas and Bondos and that of the hill-tribes of Assam, both in underlying idea and in the nature of the monuments, and it is indeed more than probable that Orissa's megalithic culture is a branch of that megalithic civilization which is so widely distributed over the Austroasiatic and Austronesian spheres.

2. D. N. MAJUMDAR.—*The Blood Groups of the Tharus* (read by Dr. B. K. Chatterjee).

The Tharus are found in the Nainital Tarai, from Nainital-Pilibhit district border extending westwards across the north of Bijnour district and the south of Garhwal to the Ganges. The total Tharu population is about one lakh.

Vestiges of a matriarchal matrix are abundant among the Tharus, the women have a dominant position in the society. They form 90% of the crowd in markets and fairs; they move about freely, even smoke and drink in the bazar. They fish, hunt, buy, sell, own property and treat their menfolk as inferior. The latter are not allowed entrance into the kitchen. Men, however, have accustomed themselves to the

ways of their women and have even adapted themselves to the condition of life, yet the jealousies and suspicions their women excite in them find expression in their beliefs in magic and witchcraft and in the various protective devices, charms and amulets which aim at securing for them a blissful domesticity.

The unhealthy and inhospitable Tarai climate tell upon the health of all immigrants but the Tharus seem to have developed an immunity against malaria, the greatest scourge of this area. How far Tharu blood groups differ from those of other tribes and castes, how such difference may account for this immunity against malaria, how the claim of the Tharus that they are of mixed descent between the Rajput women and the Nepalese or other tribal people stands with respect to the Tharu blood groups, have been discussed in detail in the paper.

3. S. L. HORA and N. C. LAW.—*Respiratory Adaptations of the South Indian Homalopterid Fishes* (read by Dr. S. L. Hora).

The respiratory movements of *Balitora*, *Hemimyzon* and *Bhavanaia* are discussed and correlated with the habitat and form of the fishes. It is shown that the movements of the inner rays of the pectoral fins are not associated with respiration. The probable causes which may have led to the reduction of gill-openings and the formation of receptacles for storage of water are explained. Attention is directed to the close parallelism between the accessory respiratory chambers of the Homalopteridae and the bucco-pharyngeal chambers of certain air-breathing fishes of India. An account of the lips and associated structures of the Homalopteridae of South India is given and the probable functions of the various structures explained.

The Chairman announced the result of the ballots for election of Ordinary Members and the Associate Member and declared that the candidates had been duly elected.

Before concluding the meeting the Chairman announced that three General lectures by Dr. A. A. Bake, M.A., D.Litt. (Oxon), had been arranged to be held in November and December, as follows:—

First Lecture—On Tuesday, the 10th November, at 6 P.M.

Subject: *Affinity of Western and Indian Music*.

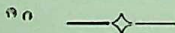
Second Lecture—On Tuesday, the 24th November, at 6 P.M.

Subject: *Some Indian Religious and Secular Folk-Dances*.

Third Lecture—On Tuesday, the 8th December, at 6 P.M.

Subject: *Ladakh and the Dances at Hemis Monastery*.

The Chairman announced that notices concerning these lectures had been issued to all Resident members, and invited the members present to communicate to the office names and addresses of non-members to whom they wished invitations to be issued.



DECEMBER

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 7th, at 5 P.M.

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Ordinary Monthly Meetings.

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PRESENT

M. Z. SIDDIQI, Esq., M.A., Ph.D., Member of Council
in the Chair.

Members :

Akbar, Mr. M.	Haq, Prof. M. M.
Bent, Mr. W. A.	Hendrie, Major J. H.
Brown, Mr. Percy	Hora, Dr. S. L.
Chatterjee, Mr. Patitpaban	Hosain, Mr. S. Wajahat
Edgley, Hon'ble Mr. Justice N. G. A.	Majumdar, Dr. R. C.
Griffiths, Dr. W. G.	Nag, Dr. Kalidas
	Rahman, Mr. S. K.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following three presentations of books, etc., which had been placed on the table for inspection:—

84 and 85. From the Madras Govt.—Sri Ramanujacampu and Alphabetical Index of Sans. MSS., Part III.

86. From Govt. of Bengal—Press List of Ancient documents relating to the Governor-General in Council, Ser. 1, Vol. 9.

The General Secretary announced that the following candidates would be balloted for as Ordinary Members:—

(26) *Griffiths, Gower Barham*, F.R.G.S., Frontier Force Rifles, Capt, c/o Messrs. Grindlay & Co., Ltd., Bombay.

Proposer: H. Hobbs.
Seconder: S. L. Hora.

(27) *Khosla, A. N.*, B.A., Writer of Books and Govt. Service, Post Box No. 239, Lahore.

Proposer: S. L. Hora.
Seconder: M. M. Haq.

(28) *Ishaque, Mohammed*, M.A., B.Sc., Ph.D. (Lond.), Lecturer, Calcutta University; 159-B, Dhurumtollah Street, Calcutta.

Proposer: N. G. A. Edgley.
Seconder: M. M. Haq.

The General Secretary reported that

(2) Prof. P. C. Sen-Gupta (elected on 1-6-42).

had withdrawn his application for membership.

The General Secretary reported that, in accordance with Rule 45, the Council submit for confirmation to the meeting the following changes in the composition of the Council, made in one of the Council meetings, since the last Ordinary Monthly Meeting:—

1. General Secretary—Dr. Kalidas Nag, *vice* Dr. S. L. Hora, resigned.

2. Library Secretary—Dr. S. L. Hora, *vice* Dr. R. C. Majumdar.
3. Historical and Archaeological Secretary—Dr. R. C. Majumdar, *vice* Dr. Kalidas Nag.

Order: Confirm.

The General Secretary, Dr. S. L. Hora, then vacated his seat which was occupied by the newly elected General Secretary, Dr. Kalidas Nag, who began to function as General Secretary.

On assumption of the office of General Secretary, Dr. Nag offered a cordial vote of thanks to the retiring General Secretary, Dr. S. L. Hora, for the valuable and devoted services he rendered to the Society since his appointment in July of the year. He also welcomed the newly appointed Historical and Archaeological Secretary, Dr. R. C. Majumdar, and expressed the hope that with his mature experience as an ex-Vice-Chancellor of the Dacca University, and as an eminent Professor, Historian and Archaeologist he would be able to help the Society in all aspects of its work. He also hoped that Dr. Hora would continue to help the Society as its Library Secretary and thus would remain on the administrative body.

Dr. Majumdar also thanked the retiring General Secretary and welcomed the new Secretary, Dr. Nag.

The Chairman also, associating himself with the sentiments expressed by Drs. Nag and Majumdar, offered a vote of thanks to Dr. S. L. Hora and welcomed Dr. Kalidas Nag.

The General Secretary reported that, in accordance with Rule 48(a), the Council, since the last Ordinary Monthly Meeting, had passed a revised set of Regulations regarding the award of the Paul Johannes Brühl Memorial Medal, as follows:—

(1) The medal shall be awarded triennially at the Ordinary Annual Meeting of the Royal Asiatic Society of Bengal in February, to the author of the most meritorious piece of original research in any branch of Botany with reference to the Indian Empire published during the five years preceding the year of award.

(2) The management of the Fund is entrusted to the Society and the making of the award to a Board consisting of

1. The President, Royal Asiatic Society of Bengal;
2. The Ghose Professor of Botany, Calcutta University;
3. The Director, Botanical Survey of India, Calcutta;
4. The President, Botany Section, Indian Science Congress Association for the year;
5. The Secretary, Natural History Section, Royal Asiatic Society of Bengal.

If in any particular year any of the aforesaid persons are not available to serve on the Board, the Council of the Royal Asiatic Society of Bengal shall have the right to modify the personnel of the Board.

(3) The Society shall be free to frame and modify from time to time Regulations for the award similar to those in force for its existing awards except that the composition of the Board shall not be altered except as provided in Regulation No. 2.

(4) The General Secretary of the Royal Asiatic Society of Bengal shall, not later than the first week of November, call a meeting of the Board for the first convenient date subsequent to the first Monday of December, at the same time requesting members to bring with them to the meeting detailed statements of the work or attainments of such candidates as they may wish to propose. The General Secretary shall also place before the Board for consideration detailed statements of the work or attainments of any other candidate submitted by any Fellow of the Society. The Board shall select a candidate to be submitted to the Council at its December meeting.

(5) Notwithstanding anything determined under these Regulations, it shall be within the competence of the Board to abstain from the selection of any name to be submitted for the year and to report accordingly to the Council, in case, provided the Council concurs, the award for the year shall lapse.

(6) No limitations binding posterity are placed on the transfer of the fund to the Trusteeship of the Society.

Order: Confirm.

The General Secretary reported that, in accordance with Rule 2(c), the Council had proposed for election as an Associate Member of the Society of—

Mr. W. S. Birney.

The General Secretary stated the grounds on which the recommendation had been made, as follows:—

‘William S. Birney is a prolific writer in subjects connected with old Calcutta and other problems of British Indian history. He began publishing his articles about 15 years ago, in the *Diocesan Record*, the *Statesman*, the *Times of India* and *Bengal, Past and Present*, and in other journals. His papers on the careers of Job Charnock, of Hindu Stuart—Major General (1777), of Bishop Middleton (1819–22), of Bishop Heber (1823–26) disclosed many new facts of deep significance. He discussed with considerable originality the problems of Transport in Old Calcutta and its Theatres (1774). His valuable paper on the Forgotten Governors of Bengal (1713–52) was published in *Bengal, Past and Present* (Sept. 1938) and appreciated by the members of the Calcutta Historical Society. In consideration of his valuable contributions, the Council have proposed his name for election as an Associate member of the Society. His name will be balloted at the next Ordinary Monthly Meeting.’

In accordance with Rules 2 and 13, the Chairman called for a ballot for the re-election as Associate Members of the Society for a further period of five years of—

Rev. Fr. P. Johannes, and
MM. Anantakrishna Shastri,

whose names had been proposed in the last Ordinary Monthly Meeting.

The following paper was read :—

1. VERRIER ELWIN.—*Conception, Pregnancy and Birth among the Tribesmen of the Maikal Hills* (read by Dr. W. G. Griffiths).

The author, after conducting personal investigations for over ten years, gives an outline of the general ideas about motherhood, conception, pregnancy, birth and the puerperium held in common by a number of the tribes living in the Maikal Hills at the extreme end of the Satpura mountains and their immediate neighbourhood. The tribes studied are the Gonds, Agarias, Baigas, Parghans, Dtrobas, Bharias and a few others.

The author's conclusion is that all the tribes of one particular area who are on the same level of progress and acculturation hold precisely the same views about the great majority of subjects. The Baigas may be more highly sexed than the Agarias, the Gonds may have a higher idea of domestic morality than certain other tribes. One tribe will be more attached to shifting cultivation; another to the delights of the chase. But on such matters as religion and magic, the customs governing sexual intercourse, birth and childhood, most of the tribes living in one district hold the same views and observe the same customs.

The following exhibits were shown and commented upon :—

1. DR. R. C. MAJUMDAR.—*Rajavijaya-natakam*.

A Sanskrit manuscript written in Bengali. It is a drama composed on the occasion of the performance of a religious ceremony by Maharaja Rajballabh of Rajnagar in 1754-55 A.D. This unique manuscript is in the collection of the Dacca University.

2. DR. M. Z. SIDDIQI.—*An important MS. of the Poems of four important Poets of Persia—Sa'adi, Hafiz, Jalalu-i-Adud and Kamal of Khujand*.

The manuscript may be aptly described as an important discovery of high literary value, throwing fresh light on several doubtful points connected with the lives and careers of several important Persian poets, including the greatest lyric poet, Khwaja Shamsuddin Muhammad Hafiz of Shiraz whom it proves to be not only the most popular poet of his time, a lecturer on the Koran, and a keen critic of poetry in general and keen student of Arabic Poetry in particular, but also as a tutor of the Sultan—an aspect of the poet's life, of which no notice has been taken so far.

In October, 1421, it was copied by one Muhd. b. Sa'id b. Abdallah who describes himself as (al-Hafiz, al-Qari) the reciter of the Koran, and is written on thin glazed, white Persian paper, in very fine hand, in the Naskh style. The first page contains the list of the works of Sa'adi, included in his Kulliyat, in Tughra style, and is beautifully ornamented in gold and blue. The heading of each treatise represents a beautiful specimen of fine Persian ornamental calligraphy in gold and blue. Every page is partially ornamented and lined in gold. It was, probably, originally written for a royal library and changed many hands during the last 521 years. There are reasons to believe that it had been, for some time, in the library of Moghul Kings of India also. But, unfortunately, the seals on the colophon as well as the notes on it have been obliterated by some mischievous person. It had been for some time, however, lying, forsaken and unnoticed, in the library of Hazrat Shah Shāhid 'Alī Sabzpush, a well-known zamindar and Muslim divine

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Ordinary Monthly Meetings.

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of Gorakhpur in the U.P., who got it out of a bundle of disconnected, partially worn out old books, and got the pages carefully repaired and bound. He has very kindly lent it to the exhibitor for perusal and study.

The book, however, has suffered a good deal on account of being uncared for. Many pages have been partially eaten up by worms and some folios are missing.

It contains the Kulliyát of Sa'dí (1184 to 1291), the Diwans of Háfiz (D. 1389) and of Jalál-i-Adud (D. 1400 A.D.) a contemporary of Háfiz, and a selection of the Diwan of Kamál of Khujand, a friend of Háfiz.

It is one of the early manuscripts of the Kulliyát of Sa'dí (the earliest being in the India Office Library), and the earliest manuscript of the Diwans of Háfiz (being copied only 32 years after his death) of Jalál-i-Adud.

This manuscript of the Diwan of Háfiz contains also the famous and most valuable introduction to it, by the poet's friend, Muhammad Gul Andam, the genuineness of which has been doubted by many. But the discovery of this manuscript must remove the doubt, and finally settle the point, and establish the position of the greatest lyric poet of all times as a mystic, as a scholar of Arabic literature, a lecturer on the Koran and a tutor of the Sultan.

The Diwan of Jalál-i-Adud also contains an introduction in highly ornate prose, by some unknown author, but it refers to an incident which may serve as an explanation for a doubtful story with regard to the cause of the death of Háfiz.

The Chairman announced the results of the ballots for the election of Ordinary members and the re-election of the Associate members and declared that the candidates had been duly elected.

Before closing, the Chairman announced that the final lecture of Dr. Bake on 'Ladakh and the Dances at Hemis Monastery' would be held on 8th December and invited the members to be present at the lecture with their friends.

OBITUARY NOTICES

RAI BAHADUR SARAT CHANDRA ROY.

Rai Bahadur Sarat Chandra Roy was born on 4th of November, 1871 and passed away on 30th of April, 1942, at the age of 71. Finishing his M.A. and B.L. examinations by 1895 he migrated to Ranchi to practise as a lawyer and naturally came to love the simple aboriginal folks of the Chota Nagpur plateau who were exploited mercilessly by alien merchants and landlords. He was not satisfied with merely defending these innocent aborigines in the Court but throughout his life he championed their cause earning thereby the title of the Advocate General of the Aborigines. While studying their legal status, Mr. Roy came to push his studies further in the domain of their manners and customs, their languages and cults. Thus during the last forty-five years, Mr. Roy published many important works on the Mundas, Oraons, Birhors, hill Bhuinyas, Kharias and others. In 1915, he laid the foundation of the Patna Museum which he served for a couple of years as its first Curator and presented it with his valuable collections of copper tools attributed by him to the proto-historic Asura culture.

In 1921, he started the first systematic journal of Indian anthropology, *Man in India*, which has drawn the attention of anthropologists all the world over to the rich yet sadly neglected field of India. He had the honour of being elected the member of a Committee of the International Congress of Anthropology. He presided over the Anthropological Section of the Indian Science Congress (1920) and throughout his life encouraged scholars from all parts of India undertaking field work so that Mr. Verrier Elwin could worthily name him 'the Father of Indian Ethnography'. He was an honorary member of the Folklore Society of London and associate member of the Royal Asiatic Society of Bengal in 1929.

KALIDAS NAG.

RAI BAHADUR RAMA PRASAD CHANDA.

Rai Bahadur Rama Prasad Chanda started his career as a teacher serving a school at Gazipur where he attracted the attention of Mr. (now Sir) Atul Chatterjee, I.C.S., who was deeply impressed by Mr. Chanda's passion for historical studies. He served also the Hindu School of Calcutta and

after the Partition of Bengal, got himself transferred to Rajshahi. There he came into touch with the renowned historian Akshay Kumar Maitra and Kumar Sarat Kumar Roy of Dighapatiya. Mr. Chanda published two papers in the *East and West*, Bombay: 'India and Babylon' (1905) and on 'the Origin of the Bengalis' (1907). At the Literary Conference of 1919, organized by the Bangiya Sahitya Parisad, at Rajshahi, Principal Ramendra Sundar Trivedi moved a resolution urging the publication of 'A monograph on the origin of the Bengali people'. Mr. Chanda was entrusted with the task and completed his survey of *The Indo-Aryan Races* published (1916) by the Varendra Research Society. As early as 1909 while Mr. Chanda was helping Sarat Kumar Roy to organize the Society, he was taking measurements of head-form of living subjects. In 1910 just before the census, Mr. Chanda was placed on special duty by the Govt. of Eastern Bengal and Assam to carry on ethnological researches and he applied anthropometric methods to the analysis of caste groups with the co-operation of the Ethnographical Survey of India. In 1912, he gave us in Bengali the first systematic survey of the Dynastic History of Bengal the *Gauḍa-Rāja-Mālā* based on a sound study of epigraphic documents. Thus he began to enrich our historical literature by publishing many valuable papers in Bengali as well as in English. He thus attracted the attention of Sir Asutosh Mookerjee who recruited him into the newly founded Dept. of Anthropology at the University of Calcutta. At that time, the eminent French archaeologist Mon. A. Foucher visited India and began to work in co-operation with Sir John Marshall, Director, the Archaeological Survey of India. Mon. Foucher found Mr. Chanda's expert knowledge so helpful to him that he strongly recommended him to Sir John Marshall who got Mr. Chanda appointed as the Superintendent, Archaeological Dept., Indian Museum. He thoroughly re-arranged the Archaeological Galleries and published many valuable reports and monographs. He helped also the State of Mayurbhanj to develop a Museum at its ancient capital Khiching. After retirement he visited England to participate in the Congress of Anthropology and published his valuable Catalogue of the Mediaeval Sculptures in the British Museum. In him we have lost a veteran epigraphist, a historian and an anthropologist of rare merit. He trained many young scholars and his pupil Mr. Sarasi Kumar Saraswati, M.A., helped our Society by checking up the collection of copperplates and our coin-collections. Mr. Chanda was a member of our Council and our Anthropological Secretary.

KALIDAS NAG.

(Read at the Ordinary Monthly Meeting on 6th July, 1942.)

SIR JOSEPH LARMOR.

Sir Joseph Larmor, F.R.S., was born in 1857 in Northern Ireland, and took his mathematical tripos at Cambridge in 1880. Larmor was senior wrangler of his year, while Sir J. J. Thomson was second. After serving some years as a lecturer in Mathematics at Cambridge, Larmor became Lucasian Professor in 1903. His researches are on mathematical physics, and extend over thermodynamics, electrodynamics, and electrical properties of aether and matter. Larmor will be best remembered for his theory of the influence of magnetic field on spectral emission, a thesis which he published almost simultaneously with Lorentz's alternative treatment of the same subject. The idea of magnetic atoms precessing about the axis of the external field (Larmor-precession) has survived the wreckage or oblivion of his highly speculative theories of aether and matter and has found an honoured place in quantum theory. In 1924, Larmor was attracted to the problem of the ionosphere, and made fundamental contributions. Larmor also collected and edited the works of Cavendish, Fitzgerald, Kelvin, Stokes and J. J. Thomson, and represented the Cambridge University in the Parliament as a Unionist member from 1911-1922. He was elected to the Royal Society in 1892, and was Secretary from 1901-1912. He was an Honorary Fellow of the Royal Asiatic Society of Bengal since 1920.

MEGHNAD SAHA.

(Read at the Ordinary Monthly Meeting on 6th July, 1942.)

MAHARAJA SIR PRADYOT KUMAR TAGORE.

The Maharaja joined the Society as a member in 1898 and throughout kept his interest in the cultural activities of the Society. We are specially thankful to him for the presentation of a bas-relief representing our founder Sir William Jones preparing his book on Sakuntala in collaboration with the learned Pandits of Bengal. The Maharaja was a Trustee of the Indian Museum and was also the President of the Society of Artists exhibiting in the winter season the outstanding works of contemporary Indian artists from all over India. He was a connoisseur of art himself owning a remarkable collection of European paintings. He was the son of the illustrious writer on Hindu Music, the late Raja Sir Sourindra Mohan Tagore.

KALIDAS NAG.

(Read at the Ordinary Monthly Meeting on 2nd November, 1942.)

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Obituary Notices.

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HIRENDRA NATH DUTT.

A solicitor and lawyer by profession, Mr. Hirendra Nath Dutt consecrated his entire surplus time and energy to the development of two of the major educational institutions of Bengal: the Bengal Academy of Letters (Bangiya Sahitya Parishad), of which he was the President, and of the National Council of Education, Bengal, of which he was the perpetual Secretary. Mr. Dutt was a versatile scholar in divers lines although his preferences were with Hindu Philosophy specially of the Idealistic School of the Vedanta. The Upanishads and the Bhagavadgītā found in Mr. Dutt one of their most lucid commentators and before his death he was honoured by the University of Calcutta inviting him to deliver the Kamala Lectures. He was a member of the Royal Asiatic Society since 1926.

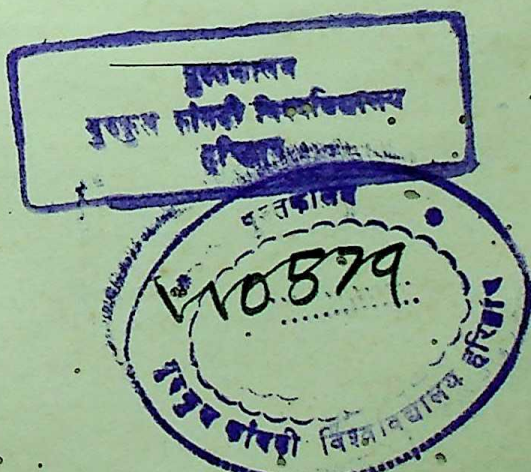
KALIDAS NAG.

(Read at the Ordinary Monthly Meeting on 2nd November, 1942.)

SIR MANMATHA NATH MUKHERJEE.

Joining our Society in 1928 Sir Manmatha Nath, amidst his busy life as a successful lawyer and a judge of the Calcutta High Court, fostered to the best of his abilities the various cultural and religious institutions of Bengal. He was the President of the All-Bengal Sanskrit Association, the Mahabodhi Society, and many such institutions which function today as sister institutions to our Society. A devout Hindu that he was, Sir Manmatha Nath encouraged the propagation of Buddhism as a form of liberal Hinduism. He was ever ready to help needy scholars with advice and financial aid.

KALIDAS NAG.



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NOTICE

The Year-Book of the Royal Asiatic Society of Bengal is a continuation of the following four periodicals published by the Society:

Asiatic Researches, I-XX, 1788-1839.

Journal of the Asiatic Society of Bengal, I-LXXXIII, 1832-1904.

Proceedings of the Asiatic Society of Bengal, I-XL, 1865-1904.

Journal and Proceedings of the Asiatic Society of Bengal, New Series, I-XXX; 1905-1934.

Single numbers are charged for at the rate of 8 annas for each 16 pages or part of 16 pages text, and for each plate, map, table, etc., not in the text. Postage extra.

Members of the Royal Asiatic Society of Bengal receive the current numbers of the Year-Book gratuitously, by virtue of their membership, and, if ordering back issues direct from the Society, have a right to a discount of 25% on their prices.

The Royal Asiatic Society of Bengal publishes also:

Journal of the Royal Asiatic Society of Bengal. Letters, since 1935.

Journal of the Royal Asiatic Society of Bengal. Science, since 1935.

Memoirs of the Royal Asiatic Society of Bengal, since 1905.

Bibliotheca Indica, a series of Oriental Works, since 1849.

Catalogues of Manuscripts.

Separate reprints of single articles in the Journal.

Miscellaneous publications.

The publications, information about them, and price lists giving details, are obtainable, on application, from the Society or its Agents.

A number of complete volumes or loose numbers of the older periodicals of the Society are still available for sale.

Revised prices of loose numbers of the Journal published by the Society,

All previous prices as printed on the issues of the various "Journals" published by the Royal Asiatic Society of Bengal are cancelled.

Loose numbers will until further notice be sold at the fixed rate of eight annas per unit.

Units are calculated on the basis of one for each 16 pages or part of 16 pages text, and one for each plate, table, or map not in the text, contained in any number.

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When ordering direct from the Society the following rules should be observed:—

Orders should be addressed to the Royal Asiatic Society of Bengal, and not to any Official by name or title.

All Cheques, Money Orders, etc., should be made payable to the "Treasurer, Royal Asiatic Society of Bengal".

Orders for books should be accompanied by a full name and address, legibly written and should be sent on a separate sheet of paper containing no other communication.

In India books are supplied by V.P.P.

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1993-2003

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